# PRIMARY INDUSTRIES, 1966-67

# **AND**

METEOROLOGY, 1967

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# PRIMARY INDUSTRIES, 1966-67 AND METEOROLOGY, 1967

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### GENERAL NOTES

Values in this publication are expressed in dollars(\$) and/or cents (c) Australian.

Where figures have been rounded in this publication, any discrepancies between totals and sums of components are due to rounding. (This includes conversions of fractions to nearest whole numbers.)

As from 30 June 1966, changes have been made to some Statistical Division boundaries. See page 6 for explanations of these changes.

### RURAL INDUSTRY STATISTICS

#### SCOPE

The Statistics contained in this Bulletin are, in general, compiled annually. They comprise: Number, area and land utilisation on rural holdings; area, production and yield per acre of crops; number of holdings growing principal crops; areas sown to grasses and clovers; livestock numbers at 31 March; breeds of sheep; lambing; shearing; wool production; classification of wool; slaughterings and meat production; dairy production and utilisation; bee-farming; rural employment; principal items of farm machinery; irrigation; fertilisers used; and various other miscellaneous items. Additional details relating to farm machinery are compiled triennially and rural holdings classified by size and type at irregular intervals.

#### SOURCES OF INFORMATION

The statistics are, in the main, compiled from census returns (see Appendix 'A') of agricultural, pastoral and dairying production collected from some 10,600 rural holdings in Tasmania at 31 March each year. In conjunction with the general census, supplementary collections from farms are conducted where the harvesting of certain crops has not been completed by the 31 March (e.g. apples, potatoes).

Additional information is also obtained from a number of entirely separate collections covering such data as slaughterings, meat production and dairy production and from various outside authorities.

#### PERIOD COVERED

Data relating to area sown, production, yield per acre and number of holdings growing crops are, in general, for the season ended 31 March. In cases where harvesting has not been completed by 31 March (e.g. potatoes) total production is nevertheless included.

Livestock numbers are reported as at 31 March but production of livestock products have, in general, been shown for the twelve months ended 30 June.

Farm machinery on rural holdings is reported as at 31 March.

A seasonal calendar showing approximate dates of planting and harvesting, shearing, lambing and slaughtering for export appears on page 70 of this Bulletin.

#### **DEFINITIONS AND EXPLANATORY NOTES**

Rural Holdings: A 'rural holding' is defined for the purpose of these statistics as a piece of land of one acre or more in extent, used for the production of agricultural products or for the raising of livestock and the production of livestock products. In cases where land owners or occupiers possess or work more than one holding, separate returns are required for each except where the holdings are in close proximity and are worked as one.

During 1965 extensive checks were made of the lists of rural holdings against other sources of information and as a result 600 holdings previously excluded from the census were included in 1966. Most of these were relatively small and contributed no more than one per cent to State totals of most crop and livestock items.

Up to 1965 the census included a large number of marginal holdings most of which were small and used for residential purposes only. Approximately 800 of these holdings were excluded from the 1966 census.

The net result of these two factors was an overall decline of approximately 200 holdings at 31 March, 1966 as compared with the previous year.

Area of Crops: Total area of land sown or planted to crops is shown irrespective of whether the whole area was subsequently harvested or whether a portion or the whole of the crop failed and was not harvested.

Where two successive crops are grown on the same land during the one season, the land is included twice in area of crops. Where two crops are grown together, however, the area is counted once only and is divided between the different crops according to the proportion of each crop grown. No data on the area planted to individual varieties of orchard fruits are collected but estimates are included in this Bulletin based on the reported total acreage and number of trees of each variety planted.

Yield Per Acre: Statistics published in this Bulletin relate to yield per acre sown or planted. Data as to acreages of crops actually harvested (as distinct from sown or planted) are not collected and consequently particulars of yield per acre harvested are not available. In the case of fruit and hops the yields shown are per acre of bearing crops.

Persons Working on Holdings: Details are collected on the general farm census of persons working on rural holdings at 31 March. Persons working permanently full-time include all other than casual or seasonal workers and females engaged principally in domestic duties, children attending schools and other persons working only part-time. Casual or seasonal workers including contractors for shearing, fencing, etc., are shown as temporary employees.

Attention is drawn to the difficulty encountered in obtaining data on persons employed on a comparable basis from year to year. The difficulty applies mainly to females and arises because of the tendency of many farmers to include part-time family helpers as full-time workers in their returns.

Classification of Greasy Wool According to Quality: Statistics of greasy wool sold at auction according to the predominant quality of the wool are compiled by the Wool Statistical Service. The quality of the wool (expressed as 64s, 60s, 58s, etc.) is a measure of the fineness and texture of wool for spinning purposes. Broadly it means the maximum number of hanks (lengths of yarn each of 560 yards) which can be spun from 1 lb of combed wool. For instance, wool of 64s quality is of a fineness and texture which will produce 64 hanks from 1 lb of tops (combed wool) of that particular wool.

Livestock Slaughtered and Meat Production: Monthly returns are collected from principal slaughterers (abattoirs, meat works and bacon factories) and these, together with annual returns for all other slaughterers (the general census return from farms and a special return from other small slaughterers), provide the necessary data for compiling both monthly and annual estimates for all livestock slaughtered and meat production.

Livestock shown as slaughtered for human consumption exclude those subsequently condemned.

Statistics of meat production are recorded in terms of carcass (bone-in) weight. Edible offal other than kidneys and pigs' tongues are excluded.

Dairy Production: Total whole milk production has been estimated by the conversion of butter, cheese and cream production (both factory and farm) to milk equivalents together with estimates of fluid milk consumption which have been based on data supplied by the Milk Board.

Milk production per dairy cow has been based on the number of dairy cows which were in milk during any part of the year (the mean of the numbers of dairy cows dry and in milk at 31 March of the current year and at 31 March of the previous year has been taken for this purpose). It is lower than for cows kept entirely for milking purposes or for cows yielding during the greater part of the year.

Weights and Measures: Cereals, orchard fruits and certain other products are generally recorded in bushels. Whilst the weight of a bushel varies according to the nature of the product it is also subject to considerable variation for the individual products on account of such things as variety and method of packing. However, average bushel equivalent weights, as set out below may be used for the conversion of each of these products to pounds weight avoirdupois.

# BUSHEL WEIGHTS (lb per bushel)

Product			lb per bushel	Produ	et	115	lb per bushel	Prod	luct		lb per bushel
Apples .			 42	Lucerne Seed			60	Peas in Pod (Gr	reen)	 	28
Apricots .			 48	Mustard Seed			50	Plums and Pru	nes	 	58
Barley .			 50	Nectarines			50	Quinces .		 	42
Beans, French	ı (Gr	een)	 20	Oats			40	Rye		 	60
Beans, Horse	(Tic)		 60	Peaches			45	Tares		 	60
Cherries .			 48	Pears			45	Tomatoes .		 	48
Grass Seed .			 20	Peas, field (dry)			60	Wheat .		 	60

#### NON-RURAL INDUSTRY STATISTICS

#### SCOPE

Forestry: The statistics included in this section relate to forest areas available for exploitation: the production of timber and other forest products; and employment details of the Forestry Department of Tasmania.

Fishing: Details relate to catch and effort statistics for boats licenced to fish Tasmanian waters, their crews and equipment; exports and imports of fish; and value of production of the industry.

Mining and Quarrying: Particulars comprise the production of minerals (mine and quarry products), assayed contents of ores and concentrates, employment in mines, costs of production, value of output and size classifications of mines and quarries.

#### SOURCES OF INFORMATION

Forestry: The source of most information, excepting that collected by this Bureau as part of the annual factory census (i.e. timber and other forest products), is the Forestry Department of Tasmania.

Fishing: In all cases the information is collected by the Fisheries Division of the Department of Agriculture and processed by the Bureau.

Mining and Quarrying: An annual census of mines and quarries is conducted by the Bureau and details are collected for calendar years. In the main table covering employment, materials used, salaries and wages etc., details are shown firstly for those mines and quarries employing four or more persons, to achieve uniformity with other Australian States, and secondly for all mines and quarries. Details relating to those tin mines with production valued at less than \$1,000 are included only in value of output and value of production items.

Statistics relating to quantities of minerals produced are, in the main, obtained from the State Mines Department and are supplemented, where necessary, with data obtained from the annual census of mines and quarries and from the Commonwealth Bureau of Mineral Resources.

#### PERIOD COVERED

Unless otherwise stated, forestry and fishing statistics relate to the year ended 30 June, and mining and quarrying statistics to the year ended 31 December.

#### DEFINITIONS AND EXPLANATORY NOTES

Mining: For statistical purposes, the mining and quarrying industry is defined as including all mining and quarrying, and the recovering of minerals from ore dumps, tailings, etc; ore dressing and elementary smelting of metallic minerals (e.g. in the case of gold) when carried out at or near the mine are included. However, establishments primarily engaged in smelting and/or refining (including the smelting section of Mt Lyell), are omitted and are classified to the manufacturing industry (see Secondary Industries bulletin).

This definition differs from that of the state Mines Department which includes in its statistics the smelting operations carried out at Mt Lyell, and, in respect of minerals originating in Tasmania, refining at Risdon. For Mt Lyell, only those operations up to the point of production of copper concentrate are included in the Bureau's mining statistics, while smelting is included in factory statistics. Refining operations carried out at Risdon are also included in factory statistics.

Also included in the mining and quarrying industry are quarries operated by brickworks, cement works, etc., and those winning direct construction materials such as sand, gravel, building stone, and broken and crushed stone for road making, etc.

Forestry: As from 1965-66 statistics of forest areas are not comparable with those for earlier years. In 1966 the State Forestry Department adopted a Food and Agricultural Organisation recommendation that potentially exploitable forests be defined as 'Forests whose growth is too low to warrant industrial exploitation at present time or where transport costs to the nearest market are prohibitive'. It follows that exploitable forests are the exact opposite of this definition.

#### VALUE OF PRODUCTION

#### SCOPE

The data used are those concerning quantity of primary production (see page 4) together with information collected from various sources on prices realised in the principal markets for different products, the costs of marketing these products and the costs of certain materials used in their production.

#### SOURCES OF INFORMATION

Price and cost data are obtained from statutory authorities (e.g. Dairy Produce Equalisation Committee), market reports, special returns collected from wholesalers, brokers, auctioneers, etc., annual factory returns (showing cost of raw material delivered to factory) and from overseas and interstate trade statistics.

#### PERIOD COVERED

The period covered is the same as stipulated for the quantitative information referred to on page 4 (i.e. in most cases the year ended 31 March).

#### DEFINITIONS AND EXPLANATORY NOTES

Gross Value
of
Production

Marketing Costs

Local Value

of

Production

Value of Materials Used

Net Value
of Production

Gross Value of Production: This is the value placed on recorded production at the wholesale prices realised in the principal markets. In cases where primary products are consumed locally, or where they become raw material for a secondary industry, these points are presumed to be the principal market. Products sold interstate or overseas are valued at f.o.b. Tasmanian port prices. If exports are sold 'on consignment', prices received are converted to an f.o.b. basis.

Marketing Costs: These include freight, cost of containers, commission and other charges incurred in marketing.

Local Value of Production (i.e. gross production valued at place of production): This is gross value of production less marketing costs.

Value of Materials Used: These include power, power kerosene, petrol and other oils (as from 1958-59), seed used, fodder consumed by farm stock, fertilisers, dips and sprays and other selected costs of a similar nature.

Net Value of Production: This is local value of production less value of materials used in process of production. The net value of production exceeds the net return to producers since no deductions are made for depreciation, maintenance, interest on borrowed money, wages and a number of other production costs.

Unit Values: These have been calculated for principal rural products by dividing the total quantity produced into the total gross value of production for each product. They therefore represent weighted average 'prices' in all markets (including the farm itself where quantities are retained for farm use) for the product.

Government Subsidies and Bounties: Sudsidies and bounties paid by the State and Commonwealth Governments to primary industries, are in general, included in value of production.

Comparing or Combining Industries: Both gross and local values of primary production involve some duplication because they include the values of certain products as the final output of one primary industry and again as the raw material of another (e.g. hay from agriculture consumed by livestock under pastoral and dairying). Similarly, many materials consumed by primary industries are the products of secondary industries (e.g. fertilisers).

In calculating the Net Value of Production, the values of both primary and secondary products consumed by primary industries have been deducted and this process automatically eliminates duplication. It follows, therefore, that Net Value of Production should be used when comparing or combining values for individual primary industries and when comparing or combining values for primary and secondary industries.

#### CHANGED STATISTICAL DIVISIONS

Changes operative from 30 June 1966 affect the statistical division boundaries of the three southern statistical divisions, viz. South Central, Southern and South Eastern. Until 30 June 1966, the South Central division merely comprised the complete Local Government Areas of Hobart and Glenorchy. As from that date it was extended to include the complete municipality of Clarence and parts of the adjacent municipalities of New Norfolk, Brighton, Sorell and Kingborough. It was also renamned the Hobart Statistical Division.

The size of the Southern and South Eastern statistical divisions was correspondingly diminished by the areas absorbed by the new Hobart statistical division but they retained the same names. Care should be taken in comparing statistics for earlier years for these three divisions with figures for 1966–67 and later periods. Local Government Area boundaries are in no way affected by these changes.

The changed divisions and their composition are listed below:

Changed Divisions	Components (in terms of Local Government Areas)	Nature of Change
Hobart Statistical Division (replaces South Central Division and area greatly enlarged)	Hobart, Glenorchy, Clarence plus part of Brighton, Kingborough, New Norfolk and Sorell	South Central Division (Hobart and Glenorchy) absorbed and <i>part</i> of previous Southern and SE. Divisions incorporated.
South Eastern (name unchanged but area diminished)	Glamorgan, Green Ponds, Richmond, Spring Bay, plus part of Brighton and Sorell	Clarence plus part of Brighton and Sorell transferred to Hobart Division.
Southern (name unchanged but area diminished)	Bruny, Esperance, Huon, Port Cygnet, Tasman, plus <i>part</i> of Kingborough and New Norfolk	Part of Kingborough and New Norfolk transferred to Hobart Division.

In tables in this Bulletin, totals are shown for *complete* Local Government Areas but, in arriving at totals for the three Divisions above account is taken of partitioned areas (i.e. Brighton, Sorell, Kingborough and New Norfolk). Letter(s) following Local Government Areas in Hobart (H), South Eastern (SE.) and Southern (S) statistical divisions, indicate the division(s) in which each Local Government Area is situated.

#### 1. LAND UTILISATION

#### LAND UTILISATION ON RURAL HOLDINGS—SUMMARY

Particulars	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67
		Area (Acre	s)				
Area used for Crops $(a)$	. 195,699	222,089	234,379	243,807	226,676	242,350	242,512
Land Lying Fallow $(b)$	,	72,866	73,823	78,286	79,329	76,308	86,271
Native) $(c)$	1 007 540	1,416,648	1,447,523	1,510,530	1,609,717	1,684,799	1,755,263
Other Land Used for Grazing	0.000 455	3,274,002	3,204,078	3,106,738	2,976,243	2,992,488	3,009,752
Balance of Holding	1 707 710	1,565,298	1,462,911	1,438,131	1,528,361	1,500,516	1,413,499
Total Area All Holdings	6,510,646	6,550,903	6,422,714	6,377,492	6,420,326	6,496,461	6,507,297
	Proportion	of Total Ar	ea (Per Cei	nt)			
Area Used for Crops $(a)$	3.0	3.4	3.6	3.8	3.5	3.7	3.7
Land Lying Fallow (b)	1.0	1.1	1.2	1.2	1.2	1.2	1.3
Area of Clovers and Grasses (other tha							
Native) $(c)$	91.9	21.6	22.5	23.7	25.1	25.9	27.0
Other Land Used for Grazing	50.1	50.0	49.9	48.7	46.4	46.1	46.3
Balance of Holding	91.1	23.9	22.8	22.6	23.8	23.1	21.7
Total Area of Holdings	. 100.0	100.0	100.0	100.0	100.0	100.0	100.0

<sup>(</sup>a) Includes orchards and small fruits but excludes area of clovers and grasses cut for hay, seed, silage, or green fodder.

Excludes short or summer fallow.

#### SIZE CLASSIFICATION OF RURAL HOLDINGS By Statistical Divisions (a) 1966

Area of Holdings (Acres)		orth- estern		orth- astern		orth- dland	Mi	dland	South- Eastern (a)		astern (a)		We	Western		Balance (b)		otal
	no.	acres	no.	acres	no.	acres	no.	acres	no.	acres	no.	Acres	no.	acres	no.	acres	no.	acres
Under 50	2,404 265 101 10 3	188,599 69,575 46,470	203 177 23 13 7	177,176 142,768 338,471 161,698	$\begin{array}{c} 401 \\ 160 \\ 121 \\ 16 \\ 2 \end{array}$	3,831 104,075 109,143 265,800 112,202	61 218 82 168 44 38	2,030 4,625 55,388 58,675 410,747 293,911 511,321 363,070 54,263	243 85 299 147 197 31 10 1	4,614 6,193 76,155 105,266 421,044 214,671 128,256 20,477	430 670 87 74 5	16,616 30,165 142,722 60,581 134,938 33,472 17,600	2 4 5 1 5 1 	15 325 1,481 766 9,249 6,000	147 24 33 1 2	2,537 1,652 6,286 800 2,342	2,365 1,625 4,770 946 845 130 67 24 5	117,445 1,069,073 653,648 1,771,19 <b>0</b>
Total	4,157	1,154,143	1,749	1,432,721	962	711,347	727	1,754,030	1,013	976,676	1,944	436,093	18	17,836	207	13,617	10,777	6,496,461

<sup>(</sup>a) See notes on page 6 explaining changes in Statistical Division boundaries; SE. and Southern Divisions are on the old basis. (b) South Central and North Central Divisions combined.

			088.88		S	ummary	(a)				
Year		Under 50 Acres	50 and Under 100 Acres	100 and Under 500 Acres	500 and Under 1,000 Acres	1,000 and Under 5,000 Acres	5,000 and Under 10,000 Acres	10,000 and Under 20,000 Acres	20,000 and Under 50,000 Acres	50,000 Acres and Over	Total
			25522		Nur	nber of Hol	dings		1 112		e de la composition della comp
1937		2,791	2,120	4,993	734	801	138	64	31	8	11,680
1940		2,795	2,059	4,985	725	779	143	59	30	8	11,583
1945		3,302	2,165	5,027	726	729	133	58	30	9	12,179
1950		2,917	2,048	4,842	736	773	134	59	32	7	11,548
1956		2,916	2,003	4,922	791	777	135	67	30	6	11,647
1958		2,721	1,921	4,905	810	796	140	60	31	5	11,389
1960		2,562	1,834	4,920	859	795	132	69	26	5	11,202
1966		2,365	1,625	4,770	946	845	130	67	24	5	10,777
					Area	of Holdings	(Acres)				
1937		62,980	151,147	1,042,546	503,880	1,724,001	925,092	878,272	853,509	613,434	6,754,861
1940		63,433	147,319	1,052,355	493,265	1,669,213	966,711	810,866	862,030	601,544	6,666,736
1945		67,987	153,767	1,058,186	488,935	1,543,342	916,439	768,218	845,786	667,688	6,510,348
1950		62,426	147,696	1,023,649	501,538	1,652,135	903,555	763,438	899,316	457,052	6,410,805
1956		60,418	143,932	1,049,577	539,484	1,688,417	909,223	870,770	911,243	455,299	6,628,363
1958		57,440	138,455	1,056,943	550,836	1,699,716	963,340	794,884	912,921	372,400	6,546,935
1960		54,294	132,620	1,072,530	587,612	1,711,915	901,035	912,898	795,995	342,583	6,511,482
1966		49,988	117,445	1,069,073	653,648	1,771,190	891,529	909,809	711,120	322,660	6,496,461

<sup>(</sup>c) Includes area cut for hay, seed, silage, or green fodder which are treated as crops on page 9. For further details see pages 18

### LAND UTILISATION ON RURAL HOLDINGS, 1966-67

		T		Land	Utilisation o	n Rural Hol	dings		Proportion
Local Government Area and Statistical Division	Rural Holdings	Total Area of Local Govt Area	Area Used for Crops (b)	$\begin{array}{c} \text{Land} \\ \text{Lying} \\ \text{Fallow } (c) \end{array}$	Area of Clovers and Grasses (other than Native) (d)	Other Land Used for Grazing	Balance of Holdings	Total Area of Holdings	of Local Govt Area Used for Rural Holdings
1000000	number	acres	acres	acres	acres	acres	acres	acres	%
Hobart (H)	34	19,728	76	27	116	576	538	1,333	6.8
Glenorchy (H)	153	29,593	666	99	2,365	3,036	4,378	10,544	35.6
Clarence (H) Brighton (SE) (H)	$\frac{146}{178}$	$\begin{array}{c} 62,075 \\ 108,905 \end{array}$	2,943 $7,467$	948 1,949	$14,607 \\ 28,032$	$11,729 \\ 40,009$	8,425 $25,171$	38,652	62.3
Glamorgan (SE)	77	379,325	2,165	1,257	30,905	138,196	$\frac{25,171}{31,247}$	$\begin{array}{c} 102,628 \\ 203,770 \end{array}$	94.2
Green Ponds (SE)	106	102,827	2,708	1,112	26,823	46,711	35,794	113,148	(e)
Richmond (SE)	192	140,391	5,880	3,047	38,805	75,418	26,902	150,052	(e
Sorell (SE) (H) Spring Bay (SE)	197 79	193,199 277,195	4,955 $2,922$	1,917 1,197	35,482 $21,118$	$\begin{array}{c} 75,916 \\ 131,857 \end{array}$	$36,336 \\ 35,265$	154,606 $192,359$	80.0 69.4
Bruny (S)	69	89,476	349	1,110	6,374	24,759	11,916	44,508	49.7
Esperance (S)	278	1,528,586	3,261	359	5,333	3,779	19,670	32,402	2.1
Huon (S)	409	191,306	5,967	1,154	18,123	10,764	42,729	78,737	41.1
Kingborough (S) (H) New Norfolk (S) (H)	370 333	87,682 $325,121$	2,966 3,883	$\frac{991}{728}$	10,889 $23,730$	7,937 $44,560$	22,617 $61,560$	45,400 134,461	51.8 41.4
Port Cygnet (S)	274	59,385	3,518	788	9,676	5,941	20,596	40,519	68.2
Tasman (S)	134	118,570	1,626	612	10,344	25,144	17,490	55,216	46.6
Total Hobart Div. Total SE. Div	755 728	238,067 1,156,655	9,848 22,275	2,602 9,701	43,650 165,200	45,274	56,298	157,672	66.2
Total S. Div	1,546	2,318,642	19,229	4,992	73,872	491,302 109,756	171,507 172,829	859,985 380,678	74.4 16.4
Launceston Total N. C. Div	12 12	6,974 <b>6,974</b>	32 32		122 122	239 <b>239</b>	20 <b>20</b>	413 <b>413</b>	5.9 <b>5.9</b>
Burnie	392	152,647	5,214	1,028	32,885	14,615	13,153	66,895	43.8
Circular Head Deloraine	597 518	1,215,094 720,687	5,444	3,334	103,427	59,362	130,814	302,381	24.9
Deloraine Devonport	227	28,696	13,415 3,759	$3,127 \\ 384$	79,375 10,287	$50,112 \\ 2,014$	45,411 $4,115$	$ \begin{array}{c} 191,440 \\ 20,559 \end{array} $	26.6 $71.6$
Kentish	522	293,436	6,999	1,030	48,043	10,449	30,909	97,430	33.2
King Island Latrobe	236 308	271,615	938 9,222	4,651	82,882	39,349	48,570	176,390	64.9
Latrobe Penguin	287	135,608 106,712	4,609	982 803	24,816 $23,472$	$24,771 \\ 2,664$	$13,103 \\ 6,249$	72,894 $37,797$	53.8 35.4
Ulverstone	477	126,342	8,900	1,067	35,266	6,869	15,879	67,981	53.8
Wynyard Total NW. Div	576 <b>4,140</b>	200,772 <b>3,251,609</b>	8,346 <b>66,846</b>	1,732 <b>18,138</b>	61,069	9,520	23,125	103,792	51.7
					501,522	219,725	331,328	1,137,559	35.0
Beaconsfield Fingal	433 142	157,628 674,953	5,018 8,425	2,406 $2,809$	$32,843 \\ 59,582$	$ \begin{array}{c c} 36,520 \\ 283,081 \end{array} $	29,704 $75,588$	106,491	67.6
Flinders	163	492,115	973	2,457	87,751	55,326	50,356	429,485 $196,863$	63.6 $40.0$
George Town	128	161,614	2,557	2,431	15,264	41,434	32,091	93,777	58.0
Lilydale Portland	307 85	168,987 390,783	3,661 899	1,819 393	28,353	26,537	37,483	97,853	57.9
Portland Ringarooma	226	403,238	10,196	6,263	14,485 $52,185$	$ \begin{array}{c c} 34,100 \\ 152,293 \end{array} $	$42,347 \\ 36,753$	92,224 $257,690$	23.6 63.9
Scottsdale	277	319,143	3,844	6,809	62,134	56,523	64,491	193,801	60.7
Total NE. Div	1,761	2,768,461	35,573	25,387	352,597	685,814	368,813	1,468,184	53.0
Evandale	96	244,513	7,018	1,562	38,332	73,488	23,930	144,330	59.0
Longford St Leonards	292 182	$\begin{array}{c} 246,506 \\ 220,202 \end{array}$	20,286 3,234	4,029 $1,212$	$\begin{array}{c} 114,704 \\ 22,286 \end{array}$	$97,203 \\ 74,209$	29,959 $33,412$	266,181	(e)
Westbury	397	223,390	15,546	2,836	73,625	58,381	28,628	134,353 $179,016$	61.0 80.1
Total N. Mid. Div.	967	934,611	46,084	9,639	248,947	303,281	115,929	723,880	77.5
Bothwell Campbell Town	63 82	644,463 354,714	4,874 10,454	2,588 $2,212$	53,822	351,493	41,047	453,824	70.4
Hamilton	218	1,445,459	7,370	$\frac{2,212}{4,669}$	$70,384 \\ 68,528$	$\begin{array}{c} 126,877 \\ 263,423 \end{array}$	20,537 $44,658$	230,464 $388,648$	$65.0 \\ 26.9$
Oatlands	311	380,520	13,738	3,625	114,717	254,939	56,924	443,943	(e)
Ross	42	306,488	6,143	2,393	60,559	152,641	23,473	245,209	80.0
Total Mid. Div	716	3,131,644	42,579	15,487	368,010	1,149,373	186,639	1,762,088	56.3
Gormanston Queenstown	i	709,627 $34,973$				200	3 470	2 670	10.5
Queenstown Strahan	6	922,355	2		45	689	$3,470 \\ 3,721$	$3,670 \\ 4,457$	10.5
Waratah	7	669,373	44	25	293	1,879	420	2,661	0.3
Zeehan	2	742,009		300	1,005	2,220	2,525	6,050	0.8
Total W. Div	16	3,078,337	46	325	1,343	4,988	10,136	16,838	0.6
Total Tasmania	10,641	16,885,000	242,512	86,271	1,755,263	3,009,752	1,413,499	6,507,297	38.5

(a) See notes on page 4 explaining decline in number of rural holdings.
(b) Includes orchards and small fruit but excludes areas of clovers and grasses cut for hay, seed, silage, or green fodder.

Excludes short or summer fallow.

(d) Includes areas cut for hay, seed, silage, or green fodder which are classified as 'crops' in tables on other pages. Total area classified in this way is 204,619 acres.

(e) Area of holdings exceeds area of Local Government Area; where rural holding extends across a Local Government Area boundary the location of the homestead determines the Local Government Area to which the whole holding is allocated.

#### 2. AGRICULTURAL

#### AREA OF CROPS (Acres)

				(ACIE							
Crop		1957–58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67
Cereals for Grain— Barley		8,384	9,333	12,396	15,330	18,728	19,751	13,790	15,479	19,907	21,057
Oats		20,711 464	22,199 153	22,017 491	$23,350 \\ 1,122$	26,953 524	31,104 149	30,344	28,086 85	28,290 34	35,909
Wheat		5,884	6,438	8,264	6,912	15,568	15,340	17,562	16,805	14,107	12,747
Total Cereals for Grain		35,443	38,123	43,168	46,714	61,773	66,344	61,818	60,455	62,338	69,738
Hay— Grass and Clover Oaten Other		92,639 12,953 4,572	$133,600 \\ 15,689 \\ 4,533$	$106,528 \\ 15,843 \\ 4,173$	$154,626 \\ 12,361 \\ 4,025$	135,561 17,371 4,306	150,121 14,113 1,208	128,525 19,233 1,882	165,027 13,575 1,654	133,178 12,847 1,803	$186,959 \\ 14,033 \\ 2,189$
Total Hay		110,164	153,822	126,544	171,012	157,238	165,442	149,640	180,256	147,828	203,181
Green Fodder Crops (a)		63,602	79,529	74,683	81,843	78,526	83,274	86,120	79,199	89,153	86,843
Field Peas— Blue Grey and Other		7,223 6,626	2,476 6,029	3,176 7,702	3,292 4,747	3,870 4,231	5,680 3,779	5,157 5,825	3,960 3,585	5,493 2,373	4,372 1,610
Total Field Peas		13,849	8,505	10,878	8,039	8,101	9,459	10,982	7,545	7,866	5,982
Vegetables for Stock Fodder— Horse Beans		354 17,132 304	459 19,891 264	738 23,665 333	285 17,620 277	428 23,029 283	250 28,121 220	714 30,605 601	536 25,896 163	387 29,216 123	331 29,520 56
Total Vegetables for Stock Fodder		17,790	20,614	24,736	18,182	23,740	28,591	31,920	26,595	29,726	29,907
Grass Seed—		493 507	1,569 2,516	1,005 1,441	782 4,357	963 2,855	1,497 3,800	881 2,853	2,400 6,613	728 2,382	880 4,256
Total Grass Seed		1,000	4,085	2,446	5,139	3,818	5,297	3,734	9,013	3,110	5,136
Industrial Crops— Hops—Bearing Non-bearing		1,410	1,430	1,436 25	1,406 41	1,411 63	1,452 67	1,462 87	1,475 98	1,491 78	1,468
Mustard		253	274	318	324	378	419	347	334	253	245
Total Industrial Crops		1,694	1,717	1,779	1,771	1,852	1,938	1,896	1,907		1,801
Vegetables for Human Consumption (a)- Beans, French and Runner Peas, Green—For Processing Sold in pod Potatoes Turnips—Swede and White		8,514 519 21,696 1,295	163 7,145 334 16,186 1,431	246 7,872 247 15,525 1,105	$ \begin{array}{r} 244 \\ 10,003 \\ 162 \\ 10,875 \\ 860 \end{array} $	479 12,823 139 11,129 1,051	448 12,684 144 13,839 618	495 11,884 186 10,806 649	470 14,995 215 9,393 596	606 15,907 133 11,993 457	$   \begin{array}{r}     970 \\     15,221 \\     83 \\     10,278 \\     592 \\     1,602   \end{array} $
Other Vegetables	nntion	1,315 33,481	$\frac{1,214}{26,473}$	$\frac{1,195}{26,190}$	$\frac{1,196}{23,340}$	$\frac{1,520}{27,141}$	$\frac{1,314}{29,047}$	$\frac{1,274}{25,294}$	$\frac{1,329}{26,998}$	$\frac{1,443}{30,539}$	28,747
Orchard Fruit—	прион	55,401				27,111					
Bearing—Apples		16,812 772 1,388 97 116	16,435 725 1,476 95 110	16,083 667 1,460 89 100	15,825 520 1,451 92 84	15,417 475 1,471 102 93	15,489 505 1,454 73 91	$15,545 \\ 456 \\ 1,460 \\ 76 \\ 92$	15,532 436 1,469 67 87	$   \begin{array}{r} 15,454 \\ 395 \\ 1,435 \\ 67 \\ 86 \end{array} $	$   \begin{array}{r}     15,235 \\     344 \\     1,398 \\     46 \\     90   \end{array} $
Total Bearing		19,185	18,841	18,399	17,972	17,558	17,612	17,629	17,591	17,437	17,113
Non-bearing—Apples		1,250 94 86 46	1,614 74 122 36	1,650 34 123 37	1,726 35 160 50	1,837 30 170 46	1,894 31 170 52	2,076 39 176 55	2,543 46 195 60	2,935 71 206 58	3,305 77 186 54
Total Non-bearing		1,476	1,846	1,844	1,971	2,083	2,147	2,346	2,844	3,270	3,622
Total Orchards		20,661	20,687	20,243	19,943	19,641	19,759	19,975	20,435	20,707	20,73
Small Fruit— Bearing—Currants (Black and Red) Gooseberries Loganberries Raspberries Strawberries Other		779 35 203 1,027 92	817 35 212 1,024 85	844 39 222 992 86	916 35 210 853 55	902 37 162 838 72	946 39 173 753 91	978 32 166 753 80	875 35 124 703 70	$765 \\ 30 \\ 108 \\ 651 \\ 74 \\ \dots$	695 33 139 577 67
Total Bearing	01,01	2,136	2,175	2,183	2,069	2,011	2,002	2,009	1,807	1,628	1,511
Non-bearing—Currants (Black and Re		100	130	144	130	144	129	96	79	53	40
Raspberries Other		65 51	$\frac{102}{74}$	95 48	26 26	26 37	36 17	29 25	25 29	19 18	29
Total Non-bearing		216	306	287	182	207	182	150	133	91	9
Total Small Fruit		2,352	2,481	2,470	2,251	2,218	2,184	2,159	1,940	1,719	1,60
All Other Crops		1,064	976	987	1,111	1,707	1,686	1,376	1,813	1,972	2,34
Total Area of Crops		301,100	357,012	334,124	379,345	385,755	413,021	394,914	416,156	396,777	456,025
Area used for crops (excluding clove grasses cut) $(b)$ Area of clover and grasses cut $(c)$ Area double cropped $(d)$		197,573 103,147 380	199,008 155,892 2,112	210,948 121,416 1,760	195,699 182,040 1,606	222,089 160,905 2,761	234,379 173,749 4,893	243,807 147,375 3,732	226,676 185,808 3,672	242,350 147,209 7,217	242,512 204,619 8,899

<sup>(</sup>a) For further details see page 19.
(b) As published on page 8.
(c) Area of clover and grasses (other than native grasses) cut for hay, seed, silage or green fodder which are included as crops in the table above.
(d) Land on which two successive crops were grown during the same season.

#### PRODUCTION OF CROPS

			PI	RUDUG.	HON U	F CRO	PS				
Crop	Unit of Quantity	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67
Cereals for Grain—											
Barley	bush	270,146	294,634	418,502	344,137	606,927	630,966	414,230	529,377	683,827	771,750
Oats	bush	481,895	490,633	511,796	391,285	587,183	827,508	843,643	520,470	676,739	947,960
D	bush	5,242	2,937	7,086	15,886	7,532	2,538	2,549	1,527	384	
Wheat	bush	153,493	163,660	181,728	148,128	345,111	418,921	482,757	364,161	368,351	165 385,243
				101,720		010,111	410,321		- 304,101	300,001	
Hay—											
Grass and Clover	tons	171,629	262,047	186,266	297,895	246,552	283,094	209,625	333,272	230,069	401,820
Oaten	tons	24,493	30,348	27,644	20,720	30,913	27,146	36,321	26,827	23,995	30,402
Other	tons	8,653	9,680	7,317	7,359	7,925	2,764	3,230	4,257	3,173	4,685
Total Hay	tons	204,775	302,075	221,227	325,974	285,390	313,004	249,176	364,356	257,237	436,907
Field Peas—											
Blue	bush	141,600	47,828	78,919	44,021	103,382	125,262	98,939	101,101	102,100	111,658
Grey and Other	bush	145,675	126,428	145,070	48,011	77,039	68,232	87,594	89,275	46,476	40,170
Total Field Peas	bush	287,275	174,256	223,989	92,032	180,421	193,494	186,533	190,376	148,576	151,828
Vegetables for Stock Fodder—											
Horse Beans	bush	7,092	11,555	16,554	3,329	9,339	5,779	15,128	13,164	6,682	8,284
Turnips—Swede & White	tons	111,702	137,274	118,074	108,191	177,157	(a)	(a)	(a)	(a)	(a)
Grass Seed—											(4)
Clover	cwt	545	1,642	608	472	444	961	483	1,789	454	632
Other $(b)$	cwt	1,730	6,158	2,553	7,500	4,313	9,588	6,878	18,144	4,862	11,071
Total Grass Seed	cwt	2,275	7,800	3,161	7,972	4,757	10,549	7,361	19,934	5,316	11,702
Industrial Crops—											
Hops (dry weight)	'000 lb	2,870	3,384	2,800	2,819	2,837	2,862	1,580	2,088	3,069	2,091
Mustard	'000 lb	140	90	163	94	190	189	118	126	94	130
Vegetables for Human Con-											
sumption— Beans, French & Runner	'000	259	452	1,437	1,372	3,172	3,897	3,495	3,873	5,548	8,127
Peas, Green—Processing	lb '000	18,204	14,645	20,725	14,281	37,479	32,986	32,757	51,383	51,114	56,689
Sold in Pod	lb (c)	337	387	324	152	161	138	187	255	153	101
Potatoes	$\begin{array}{ c c } & \text{lb} \ (d) \\ & \text{tons} \end{array}$	101,500	85,900	98,000	39,050	71,560	82,545	66,420	57,062	76,400	73,300
Turnips, Swede & White	tons	8,002	8,553	7,987	3,531	7,336	4,700	4,061	3,926	3,463	4,235
Orchard Fruit—	, ,	4 407 000	4 000 000	F 450 000	F F04 000	- 044 000					
Apples	bush	6,635,000	4,983,000	5,473,000	5,594,000	7,844,000	6,262,000	8,545,000	6,207,000	8,364,000	6,301,000
Apricots	bush	89,400	49,500	64,900	30,500	42,500	49,990	36,000	54,000	26,000	20,500
Cherries	bush	5,202	3,700	3,200	3,490	4,600	3,650	4,480	3,700	4,100	4,700
Peaches	bush	6,700	7,000	6,260	2,600	4,220	3,410	2,800	3,000	2,700	4,800
Pears	bush	566,400	433,000	463,000	461,000	566,000	415,000	625,000	490,000	650,000	404,000
Plums and Prunes	bush	29,600	22,000	16,800	19,600	23,500	10,820	16,400	13,000	14,000	8,000
Quinces	bush	4,166	3,500	2,800	3,100	3,760	2,360	2,500	1,000	1,000	300
Small Fruits— Currants (Black and Red)	'000 lb	2,909	3,337	2,966	3,097	2,197	3,082	2,955	2,300	2,936	2,715
Gooseberries	'000 lb	351	344	356	389	356	314	347	241	196	150
Loganberries	'000 lb	905	1,528	1,526	1,196	1,431	1,188	977	623	675	681
Raspberries	'000 lb	4,846	5,535	5,254	3,291	4,816	3,468	3,841	3,374	3,502	3,240
Strawberries	'000 lb	407	487	367	172	275	370	175	317	218	262

<sup>(</sup>a) Not available.

<sup>(</sup>b) Includes seed harvested from areas sown to oats for grain: 1957-58, 858 cwt; 1958-59, 1,542 cwt; 1959-60, 247 cwt; 1960-61, 964 cwt; 1961-62, 396 cwt; 1962-63, 1,374 cwt; 1963-64, 819 cwt; 1964-65, 2,673 cwt; 1965-66, 606 cwt; 1966-67, 2,008 cwt.

<sup>(</sup>c) Ex-shell weight.

<sup>(</sup>d) Estimated ex-shell weight.

#### AGRICULTURE

#### YIELD PER ACRE OF CROPS

Crop	Unit of Quan- tity	1957–58	1958–59	1959–60	1960–61	1961–62	1962–63	1963-64	1964–65	1965–66	Average for Ten Seasons 1965–66	1966–67
Cereals for Grain— Barley	bush bush bush bush	32.22 23.27 11.30 26.09	31.57 22.10 19.20 25.42	33.76 23.25 14.43 22.00	22.45 16.76 14.16 21.43	32.41 21.79 14.37 22.17	31.95 26.60 17.03 27.31	30.04 27.80 20.89 27.49	34.20 18.53 17.96 21.67	34.35 23.92 11.29 26.11	31.59 22.37 14.30 24.51	36.65 26.40 6.60 30.22
Hay— Grass and Clover Oaten Other	tons tons	1.85 1.89 1.89	1.96 1.93 2.14	1.75 1.74 1.75	1.93 1.68 1.83	1.82 1.78 1.84	1.89 1.92 2.29	1.63 1.89 1.72	2.02 1.98 2.57	1.73 1.87 1.76	1.86 1.85 1.92	2.15 2.17 2.14
Total Hay	tons	1.86	1.96	1.75	1.91	1.82	1.89	1.67	2.02	1.74	1.86	2.15
Field Peas— Blue Grey and Other	bush bush	19.60 21.99	19.32 20.97	24.85 18.84	13.37 10.11	26.71 18.21	22.05 18.06	19.19 15.04	25.53 24.90	18.59 19.60	21.19 18.65	25.54 24.95
Vegetables for Stock Fodder— Horse Beans	bush	20.03	25.17	22.43	11.68	21.82	23.12	21.19	24.56	17.27	21.65	25.03
Grass Seed— Clover Other	cwt cwt	1.11 1.72	1.05 1.83	0.60 1.60	0.60 1.50	0.46 1.37	0.64 2.16	0.55 2.12	$0.75 \\ 2.34$	0.62 1.79	0.66 2.23	0.72 2.13
Total Grass Seed	cwt	1.42	1.53	1.19	1.36	1.14	1.73	1.75	1.92	1.51	1.77	1.89
Industrial Crops— Hops (dry weight) Mustard	lb lb	2,035 555	2,367 330	1,950 513	2,005 291	2,011 501	1,971 451	2,019 406	1,415 377	2,058 371	1,840 413	1,424 531
Vegetables for Human Consumption— Beans, French and Runner Peas Green Potatoes Turnips, Swede and White	lb lb (a) tons tons	1,826 2,053 4.68 6.18	2,776 2,010 5.31 5.98	5,840 2,593 6.31 7.23	5,622 1,420 3.59 4.11	6,623 2,904 6.43 6.98	8,699 2,582 5.96 7.61	7,061 2,729 6.15 6.26	8,240 3,395 6.07 6.59	9,155 3,196 6.37 7.57	6,931 2,597 5.46 6.44	8,378 3,711 7.13 7.15
Orchard Fruit— Apples Apricots Cherries Peaches Pears Plums and Prunes Quinces	bush bush bush bush bush bush	395 116 121 168 408 305 174	303 68 103 152 293 232 194	340 97 100 142 317 189 187	353 59 116 84 318 213 221	509 89 131 121 385 230 269	404 99 111 87 285 148 295	550 79 118 90 428 216 250	400 124 95 111 334 194 125	541 66 100 100 453 209 250	397 84 110 119 341 208 199	414 60 109 141 289 174 150
Small Fruit— Currants (Black & Red) Gooseberries Loganberries Raspberries Strawberries	lb lb lb lb	3,734 10,014 4,457 4,719 4,428	4,084 9,829 7,208 5,405 5,729	3,514 9,128 6,874 5,296 4,267	3,381 11,114 5,695 3,858 3,127	2,436 9,622 8,833 5,747 3,819	3,257 8,051 6,867 4,605 4,066	3,021 10,844 5,886 5,101 2,188	2,629 6,886 5,024 4,799 4,529	3,838 6,539 6,241 5,378 2,958	3,281 8,889 6,183 4,937 4,012	3,908 4,545 4,899 5,618 3,910

<sup>(</sup>a) Ex-shell weight.

### AREA OF CROPS BY LOCAL GOVERNMENT AREAS, SEASON 1966-67

(Acres)

Local Government		Cereals fo	or Grain			Нау		Fie d	Peas	Green	Veget for Stock		Grass	Н	ops			egetable an Cons	es sumption		011	Caral	All	Total Area
Area and Statistical Division	Barley	Oats	Rye	Wheat	Grass and Clover	Oaten	Other (a)	Blue	Grey and Other	Fodder	Turnips (b)	Other	Seed (c)	Bearing	Non- bearing	Beans, French and Runner	Green Peas	Pota- toes	Turnips $(d)$	Other	Orchard Fruit (e)	Smal Fruit (e)	Other Crops	of Crops (f)
Hobart (H)					27	30				2			2			2	1	5		24	5	3	4	105
Glenorchy (H)	173			15	270	1	8			41	1	1				4	20	55	42	131	111	88	6	967
Clarence (H)	362	645		168	2,077	120	25		8	1,036	4		130			1	8	99	2	102	472		1	5,260
Brighton (SE) (H)	2,496	1,388		1,026	2,291	579	238		26	1,695	133		21			1	3	29	1	104	110	14		10,155
Glamorgan (SE)	109	375		99	917	45	41	11		1,319	206		127					8			2	1	1	3,259
Green Ponds (SE)	558	891	15	155	1,460	431	34			538	208		30				2	20			5	12		4,357
Richmond (SE)	1,321	996		765	2,992	328	34	9	24	2,177	232		156				5	108	1	10	22	2		9,182
Sorell (SE) (H) $\dots$	615	762		574	3,184	435	37	20	10	2,197	250		153			1	4	11		2	160	2		8,416
Spring Bay (SE)	22	477		4	1,181	17				1,542	736		65					21	3		200			4,268
Bruny (S)					489		20			28	89							8	2		189	9	13	847
Esperance (S)					358	4		2		186	42							12		3	3,027	28	3	3,663
Huon (S)	10	15			1,761	34				460	134			(g)	(g)			48	6	44	5,130	241	(h) 131	8,014
Kingborough (S) (H)					1,901	35	1			317	103	1		(g)	(g)	1	3	52	4	34	2,026	493	(h) 77	5,048
New Norfolk (S) (H)	367	373		227	1,863	193	53	1		1,029	50	1		1,028	51	2	6	82	17	64	285	432	12	6,136
Port Cygnet (S)					993	23	1			218	56	5						15			3,272	79	4	4,666
Tasman (S)	1,657 3,999 377	1,280 4,254 388	15 	569 2,236 227	1,038 5,629 10,562 6,611	490 1,548 240	176 242 74	40	25 43	469 2,600 8,213 2,441	269 153 1,716 644	2	180 504	(g) 274 907	i2 67	6 1 3	36 9 5	15 208 191 187	53 4 18	355 80 91	948 1,832 469 13,663	533 31 840	(h) 5 15  59	2,749 16,085 34,155 26,851
Launceston Total N. Central Div					40 <b>40</b>	18 <b>18</b>				::	::									5 <b>5</b>	:		9	72 <b>72</b>
Burnie	54	32			6,324	729	22	3	20	1,894	1,203		43			32	524	1,133	18	47	1	2	97	12,178
Circular Head	255	59			18,565	717	106		53	3,454	1,696	17	1			4	1,026	204	159	10	4		22	26,352
Deloraine	2,235	1,450		419	13,641	1,264	54	137	132	5,072	1,789	61	307				1,801	71		2			336	28,771
Devonport	568	104		151	2,105	180	8	90	49	1,043	19	12	113			147	691	605	9	30	583	1	54	6,562
Kentish	1,368	420		130	10,648	724	51	189	70	2,449	496	56	75			18	600	990	4	12	16		106	18,422
King Island					5,275	35				557	563			·				31		3	6			6,470
Latrobe	2,068	500		528	4,743	278	116	255	287	2,986	236	25	408			213	1,243	1,414	13	68	403	1	330	16,115
Penguin	216	53		22	4,646	442			24	2,135	715					38	845	945	26	41	2		171	10,321
Ulverstone	388	127		69	7,538	632	68	197	49	3,469	553	7	46			456	2,245	1,639	16	221	12	1	538	18,271
Wynyard Total NW. Div	211 <b>7,362</b>	59 <b>2,802</b>		28 <b>1,347</b>	12,334 <b>85,817</b>	642 <b>5,641</b>	44 470	59 <b>930</b>	38 <b>721</b>	4,069 <b>27,127</b>	1,893 <b>9,161</b>	2 179	992		a 3::	23 <b>930</b>	1,847 <b>10,822</b>	1,137 <b>8,168</b>	62 <b>305</b>	14 <b>447</b>	1,028	2 <b>6</b>	123 <b>1,795</b>	22,588 <b>166,050</b>

For notes: see page 13.

#### AREA OF CROPS BY LOCAL GOVERNMENT AREAS, SEASON 1966-67—continued

#### (Acres)

Local Government			Cereals f	or Grain			Hay		Field	Peas	G		tables k Fodder		Н	ops			Vegetable nan Cons	es umption		Orchard	Small	All	Total Area
Area and Statistical Division		Barley	Oats	Rye	Wheat	Grass and Clover	Oaten	Other (a)	Blue	Grey and Other	Green Fodder	Turnips (b)	Other	Grass Seed (c)	Bearing	Non- bearing	Beans, French and Runner	Green Peas	Pota- toes	Turnips $(d)$	Other	Fruit (e)	Fruit (e)	Other Crops	of Crops
Beaconsfield		84	77			4,782	197		93	16	1,272	573	51	38			2	2	23	4	105	2,763	1	8	10,091
Fingal		311	1,938		132	3,551	573	156	179	36	3,386	1,743		233				40	18		2	8		70	12,376
Flinders			11		9	3,608	10	27			732	368		12					3						4,780
George Town		291	45		4	1,780	91	6		6	983	529	9	111				124	43	4	2	426	7	9	4,470
Lilydale		147	186		5	5,133	120		111	62	1,684	680	72	49			1	324	153	27	88	496	1	179	9,518
Portland						1,325	56				274	589						10			2	1			2,256
Ringarooma		423	202		8	7,662	730			10	4,780	4,131	2	250			7	657	324	48	115	2		38	19,389
Scottsdale Total NE. Div		435 1,691	284 2,743	::	63 <b>221</b>	6,394 <b>34,234</b>	168 <b>1,944</b>	10 <b>199</b>	383	21 <b>151</b>	1,271 14,381	436 <b>9,048</b>	5 139	105 <b>798</b>	17 <b>17</b>	6 <b>6</b>	18 <b>29</b>	628 <b>1,784</b>	369 <b>931</b>	20 <b>103</b>	237 <b>552</b>	37 3,732	2 12		10,669 <b>73,548</b>
Evandale		909	2,456		759	3,024	204	16	474	52	1,809	411	5	55			1	8	3		15			6	10,207
Longford		1,639	6,997		2,158	14,809	1,318	379	1,244	359	5,559	1,071		1,342				250	12	1	12	4		58	37,212
St Leonards		96	521		123	2,353	330	9	257	44	796	1,096		104				107	20	1	29		1		5,886
Westbury Total N. Mid. Div.	::	2,399 <b>5,042</b>	2,244 <b>12,218</b>		616 <b>3,656</b>	11,598 <b>31,784</b>	1,472 3,324	50 <b>454</b>	964 <b>2,939</b>	213 668	4,674 <b>12,836</b>	999 <b>3,577</b>	58 <b>63</b>	2,000 2,000			$\frac{1}{2}$	2,280 <b>2,645</b>	26 <b>60</b>	60 <b>62</b>	9 <b>65</b>	5 <b>9</b>	i	185 <b>252</b>	28,352 <b>81,657</b>
Bothwell		25	1,884		364	1,285	45				2,447	322		230					4		2				6,608
Campbell Town		177	4,972		1,260	2,554	159	138	78		3,380	465		96											13,279
Hamilton		342	1,615		878	2,940	118	183			4,627	280		184	271	4		3	27	5		4	184		11,664
Oatlands		378	1,099	10	952	3,482	361	234		2	6,643	3,846		99				1	492	41		9			17,639
Ross Total Mid. Div	::	930	2,655 <b>12,225</b>	10	1,039 <b>4,493</b>	1,830 <b>12,091</b>	133 <b>816</b>	18 <b>573</b>	78		2,138 <b>19,235</b>	300 <b>5,213</b>	.:	54 663	271	4	::	4	523	46	2	4	184		8,175 <b>57,365</b>
Gormanston																									
Queenstown																									
Strahan		}				194	14				11	10							10	1					240
Waratah																									
Zeehan Total W. Div.	• •	]				194	14				11	10		One					10	1					240
Total Tasmania		21,057	35,909	25	12,747	186,959	14,033	2,189	4,372	1,610	86,843	29,520	387	5,136	1,468	88	970	15,304	10,278	592	1,602	20,735	1,608	2,589	456,02

<sup>(</sup>a) Includes hay: barley, 149 acres, wheaten, 146 acres; rye, 91 acres: and lucerne, 1,803 acres.

<sup>(</sup>b) Comprises white and soft and swede turnips.
(c) Comprises clover, 880 acres; other grass, 4,256 acres.
(d) Comprises swede, 466 acres; white and soft, 126 acres.

<sup>(</sup>e) Bearing and non-bearing areas.

<sup>(</sup>f) Areas double-cropped are counted twice.
(g) Not available separately; included in 'All other crops'
(h) See note (g).

#### PRODUCTION OF CROPS BY LOCAL GOVERNMENT AREAS, SEASON 1966-67

I and G		Cereals fe	or Grain		Н	ay	Field	Peas	Grass		f	Veget or Human	ables Consumption	ı
Local Government Area and Statistical Division	Barley	Oats	Rye	Wheat	Oaten	Other (a)	Blue	Grey and Other		Hops (dry)	Beans, French and Runner	Green Peas (ex-shell Weight)	Potatoes	Turnips
	bush	bush	bush	bush	tons	tons	bush	bush	ewt	lb	'000 lb	'000 lb	tons	tons
Hobart (H)	6,400 8,380 78,260 2,295 20,990 45,184 19,875 1,100  540 	13,069 32,505 10,205 14,383 25,662 21,040 13,270  450 	90	300 5,244 30,823 2,775 3,489 20,019 12,619 200   4,976 	68 2 266 1,337 80 763 599 836 34  12 59 76 338 29	34 532 4,396 4,882 2,290 2,981 5,979 6,530 2,358 943 561 3,127 3,426 4,402 1,667 1,705	220  220  300  36  5	250 250  251 170 	188 46 222 90 224 390 120	     (c) (c) 1,561,578	12 20 1 3      3 6	5 34 7 2  1 9 2   3 6 	1 98 277 38 26 21 137 14 21 3 22 236 83 173 40 21	235 7 4  3  12 2 37 26 60 3
Total Hobart Div. Total SE. Div Total S. Div	52,358 130,126 15,962	28,234 101,900 10,824	90	15,664 59,805 4,976	985 3,116 405	11,556 21,639 12,618	520 41	230 501	385 894	361,309 1,368,443	33 3 8	52 12 5	447 259 504	286 7 96
Launceston					36 <b>36</b>	90 <b>90</b>					2 2			
Burnie Circular Head Deloraine Devonport Kentish King Island Latrobe Penguin Ulverstone Wynyard	3,420 13,929 95,242 26,030 53,801  86,173 7,046 15,703 8,553	994 1,522 61,402 3,461 12,147  18,916 1,864 4,454 1,718		18,955 7,297 4,340  25,103 670 2,437 1,160	1,559 1,727 2,531 383 1,846 81 619 1,069 1,617 1,474	14,347 47,409 29,393 4,993 24,664 10,566 12,458 10,939 18,261 28,273	3,792 2,616 5,540  7,976  5,103 1,190	204 1,240 4,627 1,336 1,597  7,244 850 883 1,731	45 2 1,102 244 163  1,020 		192 51  1,060 158  1,447 228 4,458 228	2,130 3,526 6,387 2,945 2,290 	7,527 1,324 241 4,563 7,370 196 10,734 7,441 13,922 10,332	149 1,473 27 27 27 47 171 170 438
Total NW. Div	309,897	106,478		59,962	12,906	201,303	26,277	19,712	2,731		7,822	42,827	63,650	2,502

For notes: see page 15.

#### PRODUCTION OF CROPS BY LOCAL GOVERNMENT AREAS, SEASON 1966-67—continued

Local Government		Cereals fo	or Grain		Ha	ay	Field	Peas	Grass		1	Veget for Human C	ables Consumption	
Area and Statistical Division	Barley	Oats	Rye	Wheat	Oaten	Other (a)	Blue	Grey and Other	$\begin{array}{c} \operatorname{Seed} \\ (b) \end{array}$	Hops (dry)	Beans, French and Runner	Green Peas (ex-shell weight)	Potatoes	Turnips
	bush	bush	bush	bush	tons	tons	bush	bush	cwt	lb	'000 lb	'000 lb	tons	tons
Beaconsfield lingal linders George Town lilydale	1,626 7,822  12,159 5,695	2,750 48,822 360 1,346 4,388		3,317 162 60 165	$ \begin{array}{c} 411 \\ 1,445 \\ 20 \\ 170 \\ 229 \end{array} $	10,273 8,097 9,307 3,337 8,415	1,840 2,610  2,396	450 540  60 1,710	70 504 21 181 83	  	12 · · · · · · · · · · · · · · · · · · ·	$\begin{array}{c} 3 \\ 165 \\ \vdots \\ 324 \\ 959 \end{array}$	67 62 5 194 777	29 10 16
Portland Ringarooma Scottsdale Total NE. Div	10,591 14,740 <b>52,633</b>	5,180 8,410 <b>71,256</b>		182 2,800 <b>6,686</b>	103 1,867 400 <b>4,645</b>	2,513 17,723 13,862 73,527	6,846	330 370 <b>3,460</b>	220 313 <b>1,391</b>	39,223 <b>39,223</b>	16 207 <b>242</b>	2,094 2,023 <b>5,568</b>	2,743 3,230 <b>7,076</b>	281 178 <b>66</b> 5
Evandale	31,358 61,622 4,163 91,163 188,306	56,400 182,491 13,932 74,667 <b>327,490</b>		24,569 65,438 4,665 25,547 120,219	485 2,513 662 2,945 <b>6,605</b>	4,992 28,448 4,371 22,761 <b>60,572</b>	10,555 34,408 6,028 25,425 <b>76,416</b>	1,029 7,278 1,376 6,544 <b>16,227</b>	100 3,160 108 1,829 5,197		3 1  13 17	30 822 285 7,186 <b>8,324</b>	10 24 75 51 <b>160</b>	13 477 <b>49</b> 3
Bothwell Campbell Town Hamilton Datlands Ross Total Mid. Div	540 5,227 10,869 5,722 110 <b>22,468</b>	45,840 128,702 31,372 29,298 66,566 <b>301,778</b>	75 	8,148 41,896 17,735 22,686 27,466 117,931	80 340 240 701 303 <b>1,664</b>	2,774 5,750 6,329 7,847 2,290 24,900	1,558  1,558	 40  40	156 364 203 178 201 <b>1,103</b>	322,440 .: 322,440		 2 1 	1  77 1,077  1,155	35 148 
Gormanston Queenstown Strahan Waratah	}		27383	24	40	300	/	1 28.3		1 2 2 2 2			49	3
Zeehan Total W. Div.					40	300							49	3
Total Tasmania	771,750	947,960	165	385,243	30,402	406,505	111,658	40,170	11,702	2,091,415	8,127	56,790	73,300	4,235

<sup>(</sup>a) Comprises hay: barley, 256 tons; wheaten, 215 tons; rye, 193 tons; lucerne, 4,021 tons; and grass and clover, 401,820 tons.
(b) Comprises, in total, 632 cwt clover seed and 9,062 cwt other grass seed; includes 2,008 cwt of seed harvested from areas sown to oats for grain.
(c) Not available separately but included in totals.
Note: F, if shown, indicates total failure.

#### YIELD PER ACRE OF CROPS BY LOCAL GOVERNMENT AREAS, SEASON 1966-67

Note: When the area under any crop in a Local Government Area or Statistical Division is less than 10 acres, the average yield is omitted.

	C	Cereals f	or Grain	n	На	ay	Field	Peas			Veg	etables for Consum		n
Local Government Area and Statistical Division	Barley	Oats	Rye	Wheat	Oaten	Other	Blue	Grey and Other	Grass Seed (a)	Hops (dry)	Beans, French and Runner	Green Peas (ex- shell weight)	Pota- toes	Turn ips
	bush	bush	bush	bush	tons	tons	bush	bush	cwt	lb	lb	lb	tons	tons
Hobart (H)	07.0				2.3	1.3						1 705	0.2	
Glenorchy (H) Clarence (H)	$\begin{array}{c c} 37.0 \\ 23.1 \end{array}$	20.3		$20.0 \\ 31.2$	2.2	$\frac{1.9}{2.1}$			1.4			1,725	$\frac{1.8}{2.8}$	5.6
Brighton (SE) (H)	31.4	23.4		30.0	2.3	1.9		9.6	2.2				1.3	
Glamorgan (SE)	21.1	27.2		28.0	1.8	2.4	20.0		1.7				3.3	
Green Ponds (SE) Richmond (SE)	$37.6 \\ 34.2$	$16.1 \\ 25.8$	6.0	$22.5 \\ 26.2$	1.8	$\frac{2.0}{2.0}$		10.5	$0.4 \\ 1.0$				1.1	
Sorell (SE) (H)	32.3	27.6		22.0	1.9	2.0	15.0	17.0	1.9				1.3	
Spring Bay (SE)	50.0	27.8			2.0	2.0			1.7				1.0	
Bruny (S)						1.9							0.4	
Esperance $(S)$ Huon $(S)$	54.0	30.0			1.7	1.6 1.8				(b)			1.8	
Kingborough (S)(H)					2.2	1.8				(b)			1.6	
New Norfolk (S) (H)	42.0	27.8		21.9	1.8	2.3				1,519.0			2.1	3.5
Port Cygnet (S) Tasman (S)					1.3	1.7				(b)			$\frac{2.7}{1.4}$	
Hobart Div	31.6	22.1		27.5	2.0	2.0		9.2	1.1	1,318.6		1,454	2.2	5.4
SE. Div	32.5	24.0	6.0	26.7	2.0	2.0	13.0	11.7	1.3				1.4	
S. Div	42.3	27.9		21.9	1.7	1.9				1,508.8			2.7	5.3
N. Central Div.					2.0 2.0	2.3 2.3								
Burnie	63.3	31.1			2.1	2.3		10.2	1.0		5,992	4,064	6.6	8.3
Circular Head	54.6	25.8		470	2.4	2.5		23.4				3,437	6.5	9.3
Deloraine	42.6	42.3		45.2 48.3	$\frac{2.0}{2.1}$	$\frac{2.1}{2.4}$	$27.7 \\ 29.1$	$\frac{35.1}{27.3}$	$\frac{3.2}{2.2}$		7,214	$3,546 \\ 4,262$	$\frac{3.4}{7.5}$	
Devonport Kentish	39.3	28.9		33.4	2.5	2.3	29.3	22.8	0.9		8,761	3,817	7.4	
King Island					2.3	2.0			1			3	6.3	
Latrobe Penguin	41.7 32.6	37.8 35.2		47.5 30.5	$\frac{2.2}{2.4}$	$\frac{2.6}{2.4}$	31.3	$25.2 \\ 35.4$	2.5		6,794 $6,000$	$\frac{4,101}{3,693}$	7.6 7.9	3.6
Penguin Ulverstone	40.5	35.1		35.3	2.6	2.4	25.9	18.0	3.4		9,776	4,206	8.5	10.6
Wynyard NW. Division	40.5	29.1 38.0		41.4	2.3 2.3	2.3	20.2 28.3	45.6 27.3	2.5		9,908 <b>8,411</b>	4,271 3,957	9.1 <b>7.8</b>	7.1 8.2
Beaconsfield	19.4	35.7		11.0	2.1	2.1	19.8	28.1	1.8			3,737	2.9	0.4
Fingal	25.2	25.2		25.1	2.5	2.2	14.6	15.0	1.3			4,128	3.4	
Flinders George Town	41.8	32.7 29.9			2.0	2.6			1.8 1.6			0.614	1.7	
George Town Lilydale	38.7	23.6			1.9	1.6	21.6	27.6	1.5	9		2,614 $2,959$	4.5 5.1	6.1
Portland					1.8	1.9								
Ringarooma	25.0	25.6		44.4	2.6	2.3		33.0	0.9	0.007.0	11 400	3,187	8.5	5.9
Scottsdale	33.9 31.1	29.6 <b>26.0</b>		44.4 30.3	2.4 2.4	2.2 2.1	17.9	17.6 22.9	3.0 1.5	2,307.2 2,307.2	11,482 <b>8,404</b>	3,222 3,121	8.8 <b>7.6</b>	8.9 6.5
Evandale	34.5	23.0		32.4	2.4	1.6	22.3	19.8	1.2				3.3	-
Longford	37.6	26.0		30.3	1.9	1.9	27.7	20.3	2.0			3,287	2.0	
St Leonards	43.4	26.7		37.9	2.0	1.9	23.5	31.3	0.8			2,668	3.8	
Westbury N. Mid. Div	38.0 37.4	33.3 26.8		41.5 32.9	2.0 2.0	2.0 1.9	26.4 26.0	30.7 24.3	3.4 2.3			3,151 <b>3,147</b>	2.0 2.7	8.0
Bothwell	21.6	24.3		22.4	1.8	2.2			0.4				0.3	
Campbell Town	29.5	25.9		33.3	2.1	2.1	20.0		3.1					
Hamilton	31.8 15.1	$   \begin{array}{c c}     19.4 \\     26.7   \end{array} $	7.5	$20.2 \\ 23.8$	$\frac{2.0}{1.9}$	$\frac{2.0}{2.1}$			0.3	1,189.8			2.9	2 /
Oatlands Ross	10.1	25.1	1.5	26.4	2.3	1.2			1.2				2.2	3.
Midland Div	24.2	24.7	7.5	26.2	2.0	2.0	20.0		1.7	1,189.8			2.2	4.0
Western Div					2.9	1.5							4.9	
Tasmania	36.7	26.4	6.6	30.2	2.2	2.1	25.5	25.0	1.9	1,424.7	8,378	3,711	7.1	7.

<sup>(</sup>a) Includes clover and other grass seed.(b) Not available separately.Note: F, if shown, indicate total failure.

### POTATOES BY LOCAL GOVERNMENT AREAS

# Area, Production and Yield; Classification of Holdings According to Size of Area Sown, 1966-67

		Area				Holo	dings with	Following th Potato		anted	
Local Government Area and Statistical Division	Early Crop	Main Crop	Total	Produc- tion	Yield Per Acre	1 to 5 Acres	Over 5 and up to 10 Acres	Over 10 and up to 15 Acres	Over 15 Acres	Total Holdings with 1 Acre or more	Area of Potatoe Irri- gated
	acres	acres	acres	tons	tons	no.	no.	no.	no.	no.	acres
Hobart (H)	4	1	5	1	0.20	2				2	1.0
Glenorchy (H)	22 93	33	55 99	98 277	1.78 2.80	15 22	2 4	i		$\begin{array}{c} 17 \\ 27 \end{array}$	16 8
Clarence (H)   Brighton (SE) (H)	19	10	29	38	1.31	13				13	7
Glamorgan (SE)	7	1	8	26	3.25	2				2	
Green Ponds (SE)	7	13	20	21	1.05	8				8	
Richmond (SE)	25	84	108	137	1.27	29	6			35	1
Sorell (SE) (H)	7 6	15	$\begin{array}{c} 11 \\ 21 \end{array}$	14 21	1.27 1.00	9 8				9 8	2
Spring Bay (SE) Bruny (S)	5	3	8	- 3	0.38	2				2	
Esperance (S)	8	5	12	22	1.83	7				7	1
Huon (S)	12	35	48	236	4.92	15		1		16	25
Kingborough (S) (H)	30	22	52	83	1.60	30				30	20
New Norfolk (S) (H) Port Cygnet (S)	20 6	62	82 15	173 40	$\frac{2.11}{2.67}$	27 10			1	28 10	$\frac{28}{3}$
Tasman (S)	2	13	15	21	1.40	10				10	
Total Hobart Div.	146	62	208	447	2.15	66	6	1		73	44
Total SE. Div Total S. Div	66 59	125 128	191 187	259 504	1.36 2.70	65 78	6	i	i	71 80	9 57
Launceston											
TOTAL IN GUILL DAVI											
Burnie	291	841	1,133	7,527	6.64	94	41	9	14	158	541
Circular Head	41	163	204	1,324	6.49	51 24	6	2	1	60 25	$\begin{array}{c} 69 \\ 2 \end{array}$
Deloraine   Devonport	$\begin{array}{c} 24 \\ 426 \end{array}$	47 180	$\begin{array}{c} 71 \\ 605 \end{array}$	241 4,563	3.39 7.54	24	14	6	10	54	228
Devonport Kentish	276	714	990	7,370	7.44	86	25	13	13	137	440
King Island	30	1	31	196	6.32				1	1	
Latrobe	939	475	1,414	10,734	7.59	21	28	22	30	101	438
Penguin	$\begin{array}{c} 307 \\ 592 \end{array}$	639 1,047	$945 \\ 1,639$	7,441 $13,922$	7.87 8.49	66 89	26 68	10 19	16 25	$\frac{118}{201}$	$\frac{429}{871}$
Ulverstone Wynyard	267	871	1,137	10,332	9.09	130	35	9	17	191	603
Total NW. Div.	3,193	4,976	8,168	63,650	7.79	585	243	90	128	1,046	3,620
Beaconsfield	10	14	23	67	2.91	9		01		9	7
Fingal	5 3	14	18	62	3.44	5	1			6	
Flinders	21	22	43	194	4.51	6	1	2	0 222	9	7
Lilydale	47	106	153	777	5.08	28	5	2	1	36	24
Portland	500000								8.08		
Ringarooma	39	285	324	2,743 $3,230$	8.47 8.75	34 31	17	6 5	1 5	58 58	$\frac{133}{179}$
Total NE. Div	125 <b>248</b>	244 684	369 <b>931</b>	7,076	7.60	114	41	15	7	177	350
Evandale	3	1	3	10	3.33	2				2	
Longford	2	10 18	$\frac{12}{20}$	24 75	$\frac{2.00}{3.75}$	10	1			3 10	3
St Leonards	1 13	18	26	51	1.96	8	i			9	6
Westbury Total N. Mid. Div.	19	41	60	160	2.67	22	2			24	9
Bothwell	3	1	4	1	0.25	2			3,000	2	
Campbell Town	7	20	27	77	2.85	14				14	3
Oatlands	79	413	492	1,077	2.19	51	30	8	2	91	6
Ross Total Mid. Div	89	434	523	1,155	2.21	67	30	8	2	107	9
Total W. Div		10	10	49	4.90	4				4	2
Total Tasmania	3,818	6,460	10,278	73,300	7.13	1,001	328	115	138	1,582	4,100

# AREA UNDER SOWN GRASSES AND CLOVERS (OTHER THAN NATIVE) IN LOCAL GOVERNMENT AREAS

(Acres)

Local Government	eneral puri	eolle Edais	regulatett							
Area Statistical Division	1957–58	1958–59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965–66	1966-67
Hobart (H)	218	227	388	283	87	108	237	106	124	116
Glenorchy (H)	1,973	2,260	1,751	1,933	1,886	1,911	1,972	2,155	2,063	2,365
Clarence (H)	12,265	12,424	12,711	13,029	13,669	13,151	12,066	13,184	13,832	14,607
Brighton (SE) (H)	18,651	19,087	19,019	21,475	21,612	21,603	22,111	23,550	25,895	28,032
Glamorgan (SE)	15,907	17,410	19,158	19,916	20,609	22,879	23,303	23,609	28,179	30,905
Green Ponds (SE)	16,432	20,461	18,983	20,982	22,427	22,292	21,691	25,666	26,646	26,823
Richmond (SE) Sorell (SE) (H)	32,680 24,218	32,327 $25,175$	32,997 23,439	34,536	35,644	34,318	35,311	38,514 31,795	39,364 33,302	38,805
Spring Bay (SE)	10,767	12,585	12,859	25,995 13,438	26,807 $15,691$	28,216 15,304	29,421 16,899	18,190	21,122	35,482 $21,118$
Bruny (S)	3,500	3,806	3,965	4,251	4,232	4,381	4,782	5,085	5,699	6,374
Esperance (S)	3,880	4,258	4,169	3,722	4,035	4,099	3,793	5,233	5,280	5,333
Huon (S)	10,623	11,493	11,309	12,612	13,321	11,999	15,106	14,493	16,888	18,123
Kingborough (S) (H)	7,283	8,119	8,185	7,940	8,168	8,423	8,636	9,561	10,254	10,889
New Norfolk (S) (H)	17,706	17,861	18,097	18,497	17,927	18,601	20,186	20,417	23,205	23,730
Port Cygnet (S)	7,929	7,754	7,823	7,801	8,287	7,808	8,664	9,144	8,944	9,676
Tasman (S) Total Hobart Div.	7,902	8,033	8,049	8,721	8,655	8,598	9,054	9,805	9,813	10,344
Total SE. Div	191,934	203,280	202,902	215,132	223,057	223,691	233,232	250,507	270,608	43,649 165,198
Total S. Div	J 171,701	203,200	202,902	213,132	223,037	223,071	233,232	250,507	270,000	73,872
Launceston Total N. Cent. Div.	32 <b>32</b>	675 <b>675</b>	730 <b>730</b>	754 754	713 713	740 <b>740</b>	719 <b>719</b>	836 836	126 <b>126</b>	122 122
		-	-	35.0			-	-	-	
Burnie	22,337	23,822	25,348	26,391	27,149	27,628	28,311	29,813	31,292	32,885
Circular Head	70,893	70,093	78,650	80,797	87,192	90,106	91,687	96,755	101,752	103,427
Deloraine	62,197 9,614	64,654	67,666	70,518	69,597	70,469	72,022	75,494	76,042	79,375
Devonport Kentish	36,780	10,065 $38,590$	9,970 $39,524$	10,073 40,394	9,961 $42,322$	9,855 $42,144$	10,306 43,984	10,510 44,470	10,887 $45,661$	10,287 $48,043$
King Island	76,342	75,881	78,538	76,158	76,417	80,408	82,280	83,092	89,362	82,882
Latrobe	21,476	22,385	21,652	22,264	22,383	21,425	22,019	24,567	24,313	24,816
Penguin	19,757	20,478	20,836	21,348	21,576	21,590	21,448	22,676	23,430	23,472
Ulverstone	31,042	31,789	33,099	32,758	32,692	32,332	32,786	33,688	34,942	35,266
Wynyard	47,585	51,172	53,067	50,686	53,592	54,256	54,231	56,301	59,507	61,069
Total NW. Div	398,023	408,929	428,350	431,387	442,881	450,213	459,074	477,366	497,187	501,520
Beaconsfield	18,442	19,955	21,226	22,792	25,649	25,207	27,441	29,051	31,544	32,843
Fingal	34,991	39,064	40,368	44,048	45,881	48,975	51,719	56,919	57,358	59,582
Flinders	61,942	78,372	85,770	76,268	80,233	78,601	83,841	85,946	78,312	87,751
George Town Lilydale	8,200 17,740	9,063	8,764 19,067	9,854 20,841	9,950 $21,841$	11,045 $22,484$	12,579	12,763	14,325	15,264
Portland	9,561	10,051	10,476	15,601	11,620	12,425	24,588 11,700	25,956 13,640	25,834 13,486	28,353 $14,485$
Ringarooma	34,579	35,758	38,359	43,747	38,997	39,605	39,585	41,091	47,344	52,185
Scottsdale	40,212	42,299	38,632	40,188	44,734	42,028	48,936	59,895	62,397	62,134
Total NE. Div	225,667	252,258	262,662	273,339	278,905	280,370	300,389	325,261	330,598	352,596
Evandale	29,875	28,773	28,028	30,933	30,876	30,026	31,223	32,835	35,936	38,332
Longford	92,498	93,017	96,353	96,630	95,357	99,630	101,926	108,599	113,698	114,704
St Leonards	16,059	13,678	15,188	15,734	17,516		17,832	19,625		
Westbury	58,795	58,447	60,700	62,948	62,948	63,720	63,500	67,079	69,875	73,625
Total N. Mid. Div.	197,227	193,915	200,269	206,245	206,697	209,993	214,481	228,138	239,941	248,947
Bothwell	24,655	28,133	27,691	29,081	32,988	34,754	40,071	45,348	47,314	53,822
Campbell Town Hamilton	43,118 39,401	47,039	46,667 45,338	51,105 49,023	54,644 50,187	56,569	60,678	65,872	67,094	70,384
Hamilton Oatlands	75,356	76,149	75,749	81,361	79,854	54,052 87,840	56,511 93,369	$\begin{vmatrix} 60,996 \\ 99,882 \end{vmatrix}$	64,760	68,528
Ross	38,107	41,676	44,643	47,184	45,754	48,346	50,934	54,192	108,711 $56,814$	$ \begin{array}{c c} 114,717 \\ 60,559 \end{array} $
Total Mid. Div.	220,637	235,674	240,088	257,754	263,427	281,561	301,563	326,290	344,693	368,010
Total W. Div	342	408	839	1,131	968	955	1,072	1,319	1,647	1,343
Total Tasmania	1,233,862	1,295,139	1,335,840	1,385,742	1,416,648	1,447,523	1,510,530	1,609,717	1,684,799	1,755,255

# AREA UNDER SOWN GRASSES AND CLOVERS (OTHER THAN NATIVE)—SUMMARY (Acres)

Description	1957–58	1958–59	1959-60	1960-61	1961–62	1962-63	1963-64	1964-65	1965–66	1966-67
Clover for Seed (a)	493	1,569	1,005	782	963	1,497	881	2,400	728	880
Grass for Seed (a) Clover and Grasses—	507	2,516	1,429	4,352	2,855	3,797	2,853	6,613	2,382	4,256
Cut for Hay (a) Cut for Silage or Green Fod-	92,639	133,600	106,528	154,626	135,561	150,121	128,525	165,027	133,178	186,959
der(a)	9,508	18,207	12,454	22,280	21,526	18,334	15,116	11.768	10,922	12,525
Fed off (not cut)	1,130,715	1,139,247	1,214,424	1,203,702	1,255,743	1,273,774	1,363,155	1,423,909	1,537,590	1,550,636
Total	1,233,862	1,295,139	1,335,840	1,385,742	1,416,648	1,447,523	1,510,530	1,609,717	1,684,799	1,755,255

<sup>(</sup>a) These areas of sown clovers and grasses, which have been cut for seed, hay, silage or green fodder, are classified as crops on page 9.

#### GREEN FODDER CROPS—SUMMARY

(Acres)

К	ind		1957–58	1958–59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965–66	1966–67
Dl.			1.000	1.100	0~7	1 007	1 170	019	1 574	1.020	F = 1	1.150
Barley	111		1,906	1,199	957	1,827	1,172	913	1,574	1,039	751	1,159
Chou Moe			(a)	(a)	5,296	3,936	5,182	5,847	7,016	5,283	5,702	7,152
Grass and	Clove	c(b)	9,508	18,207	12,454	22,280	21,526	18,334	15,116	11,768	10,922	12,525
Kale			(a)	(a)	739	133	521	377	596	331	312	70
Lucerne			1,117	828	995	515	1,213	787	952	1,039	1,242	1,205
Maize			210	160	292	438	440	528	547	344	219	216
Millet			(a)	(a)	346	408	584	725	1,117	770	487	702
Oats			31,615	41,586	42,292	43,563	37,066	46,983	48,984	50,676	59,981	50,910
Rape			(c) 15,333	(c) 14,792	8,060	5,263	6,750	5,802	8,519	6,623	8,243	11,393
Ryecorn			1,892	1,303	1,420	1,641	2,124	1,871	842	405	309	271
Wheat			2,021	1,454	1,832	1,839	1,948	1,084	733	921	860	1,234
Other								23	124		127	9
Total			63,602	79,529	74,683	81,843	78,526	83,274	86,120	79.199	89.153	86,843

<sup>(</sup>a) Not available separately; included with 'Rape'.

# VEGETABLES FOR SALE FOR HUMAN CONSUMPTION—SUMMARY (Acres)

1957-58 1958-59 1959-60 1960-61 1961-62 1962-63 1963-64 1964 - 651965-66 1966-67 Vegetables Beans, Broad Beans, French and Runner Beetroot Cabbages Carrots . Cauliflowers Lettuces Onions .. Parsnips 12,070 15,304 8,119 10,165 12,962 12,828 15,210 16,040 9,033 Peas, Green 15,525 10,875 11,129 13,839 10,806 9,393 11,993 10,278 21,696 16,186 Potatoes Pumpkins Silver Beet and Spinach Tomatoes 1,204 1,029 1,019 Turnips, Swede Turnips, White Other Vegetables 26,190 23,340 27,141 29,047 25,294 26,998 30,539 28,747 33,481 26,473 Total

<sup>(</sup>b) Cut area only.

<sup>(</sup>c) See note (a).

#### ORCHARDS—NUMBER OF TREES AND PRODUCTION BY LOCAL GOVERNMENT AREAS, SEASON 1966-67

Local Government	Number of		App	ples			Pe	ars			Apr	icots	
Area and Statistical Division	Orchards (one acre) and over)	Tre	ees	Produc-	Average Yield Per	Tre	ees	Produc-	Average Yield	Tre	ees	Produc-	Average
DIVISION	(a)	Non- bearing	Bearing	tion (bush)	Bearing Tree (bush)	Non- bearing	Bearing	tion (bush)	Per Bearing Tree (bush)	Non- bearing	Bearing	tion (bush)	Per Bearing Tree (bush)
Hobart (H)	2		132	21	0.16						81	46	0.5
Glenorchy (H)	23	142	4,744	4,274	0.90	62	619	836	1.35	61	2,779	1,983	0.7
Clarence (H)	43	35	4,333	3,651	0.84	666	13,211	11,842	0.90	3,410	25,151	10,198	0.4
Brighton (SE) (H)	19	11	174	9	0.05					400	6,588	1,907	0.29
Glamorgan (SE)													
Green Ponds (SE)	2									7	50	10	0.20
Richmond (SE)	4									75	1,338	135	0.10
Sorell (SE) (H)	)												
Spring Bay (SE)	} 19	1,700	12,249	31,123	2.54	100	13,767	31,073	2.26	2,700	6,536	2,063	0.32
Bruny (S)	13	3,653	22,872	52,981	2.32	50	2,565	4,148	1.62		265	20	0.08
Esperance (S)	199	97,017	419,132	1,194,819	2.85	1,215	7,307	18,824	2.58	70	6	6	1.00
Huon (S)	267	153,717		2,056,028	3.27	6,816	25,810	53,174	2.06				
Kingborough (S) (H)	133	33,994	223,835	444,418	1.99	3,475	18,638	17,845	0.96	64	125	92	0.74
New Norfolk (S) (H)	34	3,118	18,638	63,663	3.42	22	3,503	9,734	2.78	522	7,381	3,823	0.52
Port Cygnet (S)	220	83,731	430,901	1,075,792	2.50	4,579	14,510	27,098	1.87	38	24	25	1.04
Tasman (S)  Hobart Div.  SE. Div.  S. Div.	31 155 36 818	15,696 16,394 1,711 374,709	79,502 133,025 12,423 1,700,417	213,107 244,479 31,132 4,864,275	2.68 1.84 2.51 2.86	8,141 2,367 100	40,143 19,009 13,767	89,257 18,453 31,073	2.22 0.97 2.26	4,092 3,082 173	36,452 13,114 758	16,544 3,617 147	0.45 0.28 0.19
Launceston N. Central Div.						22,659	107,297	214,305	2.00	7			
Burnie			-14.			• • •	• • •	• • •					
Circular Head	3	0-1											
Deloraine										•			
Devonport	31	13,728	72,186	193,924	2.69	200	2,253	5,952	0.04	130			
Kentish	3	250	1,540	3,783	2.46				2.64	• •			
King Island	1	118	89	19	0.21				esa iit	4	76	2	0.03
Latrobe	23	8,859	40,547	126,922	3.13	220	2,289	4,511	1.07				0.00
Penguin	1			120,022					1.97	and min's	istanaij*	Lik Gilbary	
Ulverstone	2		155	78	0.50					• •		All to store	• •
Wynyard	1		100	98	0.98				٠٠.	• •			
NW. Div.	65	22,955	114,617	324,824	2.83	420	4,542	10,463	2.30	4	76	2	0.03
Beaconsfield	134	63,656	213,051	640,920	3.01	1,714	49,401	101,081	2.05	3,758	545	60	0.11
Fingal	1	(b)	(b)	(b)	(b)					(a)	(a)	(a)	(b)
Flinders									808				
George Town	20	3,435	39,041	86,755	2.22	20	7,758	19,059	2.46	•			
Lilydale	22	6,589	39,795	100,077	2.51	252	5,206	9,191	1.77	68	44	44	1.00
Portland													
Ringarooma	2	(b)	(b)	(b)	(b)					(a)	(a)	(a)	(b)
Scottsdale	3 182	73,776	3,832 <b>296,121</b>	7,451 <b>835,984</b>	1.94 <b>2.82</b>	1,986	136 <b>62,501</b>	375 <b>129,706</b>	2.76 <b>2.08</b>	101 3,957	8 621	6 190	0.75 <b>0.31</b>
Evandale						11 h							
Longford	1	30	228	241	1.06								
St Leonards													
Westbury	2 3	30	228	241	1.06								
Bothwell					M		387.81.						Na
Campbell Town													
Hamilton	1	60	326	65	0.20		1911	(a)					
Oatlands							921 ··						
Ross Mid. Div	i	60	326	65	0.20							eololo los	
W. Div							Uu la						
Tasmania	1,260		2,257,157		2.79	27,532	207,116	404,000	1.95	11,308	51,021	20,500	0.40

(a) Orchards of all kinds, not just those producing apples, pears and apricots.
(b) Not available separately; included in totals.
Notes: F, if shown, indicates total failure.

Where the number of trees (bearing and non-bearing combined) of any variety in a Local Government Area is less than 50, the figures have been omitted.

#### SMALL FRUIT—AREA AND PRODUCTION BY LOCAL GOVERNMENT AREAS, SEASON 1966-67

	Holdings		Currants ck and I		G	ooseberri	es	Lo	oganberr	ies	В	aspberri	es	S	trawberr	ies
Local Government Area and Statistical Division	with Small Fruit	Ar	ea	Produc-	Ar	ea	Produc-	Ar	ea	Produc-	Ar	ea	Produc-	Aı	rea	Produc
dend (d'end.000)	(one acre and over)	Non- bearing	Bearing	tion	Non- bearing	Bearing	tion	Non- bearing	Bearing	tion	Non- bearing	Bearing	tion	Non- bearing	Bearing	tion
	no.	acres	acres	'000 lb	acres	acres	'000 lb	acres	acres	'000 lb	acres	acres	'000 lb	acres	acres	'000 lk
Hobart (H) Glenorchy (H)	$\frac{1}{32}$	$\frac{1}{2}$	1	(a)								2	4		(a)	1
Clamanaa (TI)			50	126		2	4	2	7	28	1	20	62		4	10
Brighton (SE) (H)	3		6	13		i	2		5	9					3	ii
Glamorgan (SE)	1													i		
Green Ponds (SE)	5	2	3	5								4	7	1	3	4
Richmond (SE)	1	1										1	6		1	3
Sorell (SE) (H)	1		1	2		1	4								1	1
Spring Bay (SE) Bruny (S)	2		6	12		i	i		i	2		2	4			
Esperance (S)	9	i	15	68		1	6		1	2	2	8	43		i	3
Huon (S)	64	3	83	227		1	6	1	26	128	4	118	723		6	12
Kingborough (S) (H)	109	8	167	580	1	13	67	4	63	339	7	221	1,241	2	8	13
New Norfolk (S) (H)	99	22	191	782		3	13	1	25	143	8	149	808	10	23	62
Port Cygnet (S)	22		35	107		11	47				2	26	109	11.	6	16
Tasman (S) Total Hobart Div.	120	10	203	653	i	17	75	5	60	302	8	218	1,155	2	8	23
Total SE. Div.	11	2	10	20		1	6		5	9	0	5	1,133	2	6	20
Total S. Div.	218	26	344	1,248		15	69	2	62	341	16	327	1,838	10	39	96
Total N. Central Div.					6.8											
Total NW. Div	4	1							1	1	1	1	5		3	14
Total NE. Div	3								1	1	1	1	1		11	106
Total N. Mid. Div.												1	3		1	1
Bothwell																
Campbell Town	::								::	::	.;	::	220			
Hamilton	37	7	138	793					11	27	4	25	226		1	3
Oatlands Ross							0.00.									
Total Mid. Div	37	7	138	793					ii	27	4	25	226		1	3
Total W. Div																
Total Tasmania	393	46	695	2,715	1	33	150	7	139	681	29	577	3,240	14	67	262

Notes: F, if shown, indicates total failure.

In addition to the small fruits shown above, 95,200 lb of blackberries were processed in factories during 1966-67.

(a) Less than half of the unit shown.

#### GRASS SEED PRODUCTION (a)

(Cwt)

Type of Grass Seed	1961-62	1962-63	1963–64	1964–65	1965–66	1966–67
Clover—White	217	484	412	1,449	381	382
Red	91	353	52	149	44	237
Subterranean		93	(b)	110		2
Other Clover	137	31	19	82	29	10
Ryegrass—Perennial	3,262	7,869	6,091	14,947	3,389	8,324
H.I. Short Rotation	972	1,238	679	2,558	1,056	1,590
Italian	35	437	86	485	340	1,068
dicerne		1				
Cocksfoot	19	35	13	97	56	49
Phalaris Tuberosa		8		57	7	
Other Pasture Seed	24		9		14	39
Total	4,757	10,549	7,361	19,934	5,316	11,702

(a) Includes all pasture seed harvested, whether as a separate crop or from an area sown to oats.(b) Less than half a hundredweight.

### SELECTED CROPS—SUMMARY

Coopen	Ва	rley for Grai	n	(	Oats for Grai	n	W	Theat for Gra	in		Blue Peas	
Season	Area	Total Produc- tion	Yield Per Acre	Area	Total Produc- tion	Yield Per Acre	Area	Total Produc- tion	Yield Per Acre	Area	Total Produc- tion	Yield Per Acre
1001.00	acres	'000 bush	bush	acres	'000 bush	bush	acres	'000 bush	bush	acres	'000 bush	bush
1931-32	8,377 8,595 7,840 5,779	120 212 172 176	$   \begin{array}{c}     14.29 \\     24.62 \\     21.97 \\     30.37   \end{array} $	18,412 30,652 31,199 36,611	357 828 854 1,054	19.38 27.02 27.38 28.80	$ \begin{array}{c} 11,722 \\ 20,985 \\ 24,097 \\ 16,656 \end{array} $	183 433 561 308	15.60 20.63 23.27 18.46	6,026 9,110 13,994 13,054	76 209 242 173	$12.68 \\ 22.94 \\ 17.31 \\ 13.29$
1935-36	5,227 6,947 9,296 8,694 7,723	93 241 306 208 196	17.74 34.65 32.94 23.94 25.33	23,928 21,953 32,439 24.831 23,110	557 751 1,032 645 529	23.27 34.22 31.83 25.97 22.91	$10,404 \\ 21,317 \\ 21,081 \\ 9,849 \\ 7,495$	186 571 526 205 108	17.88 26.78 24.95 20.84 14.41	10,172 6,457 4,651 4,415 5,222	126 144 99 75 125	12.39 22.26 21.38 17.06 23.97
1940-41	5,650 5,319 2,728 3,436 5,408	$   \begin{array}{c}     147 \\     118 \\     63 \\     95 \\     159   \end{array} $	26.08 22.11 23.04 27.54 29.42	17,543 27,287 13,159 9,744 14,770	416 839 292 299 420	23.73 27.07 22.19 30.69 28.41	8,038 6,414 4,128 4,839 3,832	140 145 73 122 93	$   \begin{array}{c}     17.46 \\     22.63 \\     17.76 \\     25.24 \\     24.18   \end{array} $	9,464 18,495 27,155 37,500 21,815	192 311 403 580 478	20.29 16.79 14.83 15.47 21.92
1945-46	6,746 6,256 8,149 7,329 4,346	123 156 218 208 131	18.28 24.88 26.79 28.39 30.12	13,976 22,687 17,076 11,697 22,812	282 595 360 262 577	20.15 26.24 21.09 22.36 25.31	4,982 7,539 7,776 6,867 5,473	67 139 118 156 127	13.38 18.47 15.20 22.69 23.26	23,278 11,794 6,878 6,486 7,662	291 234 145 147 145	12.50 19.83 20.71 22.66 18.96
1950-51 1951-52 1952-53 1953-54 1954-55	3,261 4,241 8,039 9,436 7,256	91 150 217 296 200	27.81 35.28 26.99 31.42 27.53	23,441 26,539 20,049 20,118 22,621	429 594 286 461 452	18.31 22.39 14.26 22.91 19.97	5,318 3,603 6,688 9,690 7,302	95 94 156 263 159	$17.84 \\ 26.10 \\ 23.39 \\ 27.17 \\ 21.72$	8,389 7,605 3,487 5,335 5,663	170 196 70 114 114	20.28 25.79 20.05 21.32 20.07
1955-56	6,320 7,079 8,384 9,333 12,396	191 235 270 295 419	30.21 33.20 32.22 31.57 33.76	28,675 16,559 20,711 22,199 22,017	548 253 482 491 512	19.11 15.26 23.27 22.10 23.25	6,224 3,900 5,884 6,438 8,264	129 89 153 164 182	20.68 22.71 26.09 25.42 21.99	5,768 8,275 7,223 2,476 3,176	136 187 142 48 79	23.51 22.59 19.60 19.32 24.85
1960-61	15,330 18,728 19,751 13,790 15,479	344 607 631 414 529	22.45 32.41 31.95 30.04 34.20	23,350 26,953 31,104 30,344 28,086	391 587 828 844 520	16.76 21.79 26.60 27.80 18.53	$\begin{array}{c} 6,912 \\ 15,568 \\ 15,340 \\ 17,562 \\ 16,805 \end{array}$	148 345 419 483 364	21.43 22.17 27.31 27.49 21.67	3,292 3,870 5,680 5,157 3,960	44 103 125 99 101	13.37 26.71 22.05 19.19 25.53
1965-66 1966-67	19,907 21,057	684 772	34.35 36.65	28,290 35,909	677 948	23.92 26.40	14,107 12,747	368 385	26.11 30.22	5,493 4,372	102 112	18.59 25.54
	, va ess ev.	Potatoes	otsđ ni b		Green Peas	Bhald lord	1.002,39 .	Hops	ta adam'i H adaowa.	and off o	Hay	i cost (b)
Season	Area	Total Produc- tion	Yield Per Acre	Area	Total Produc- tion (a)	Yield Per Acre (a)	Bearing Area	Total Produc- tion (Dry Weight)	Yield Per Acre	Area	Total Produc- tion	Yield Per Acre
	acres	'000 tons	tons	acres	'000 lb	lb	acres	'000 lb	lb	acres	'000 tons	tons
1931-32	36,390 35,769 36,518 36,358	95 98 81 70	2.62 2.75 2.23 1.93				853 792 810 826	1,598 1,384 1,609 1,832	1,873 1,747 1,986 2,217	84,307 92,668 77,625 96,019	93 141 109 150	1.10 1.52 1.41 1.56
1935-36	34,719 $36,967$ $32,468$ $26,696$ $30,452$	86 139 100 89 114	2.47 3.75 3.08 3.34 3.75	(w) :: (a)	итэ:10	0.99::0	871 903 881 921 909	2,164 2,094 2,111 2,296 1,781	2,484 2,319 2,397 2,493 1,958	74,741 89,394 73,047 79,959 96,264	97 137 113 110 141	1.30 1.53 1.55 1.36 1.46
1940-41 1941-42	37,364 30,640 40,424 60,500 81,092	114 110 136 218 345	3.05 3.58 3.36 3.60 4.26	en ::	10 100	::	913 1,054 1,106 1,075 1,090	2,977 2,821 2,607 2,794 2,429	3,261 2,677 2,357 2,599 2,228	76,082 92,636 82,062 99,283 96,012	95 101 110 154 146	1.25 $1.59$ $1.34$ $1.55$ $1.52$
1945-46 1946-47 1947-48 1948-49 1949-50	56,245 43,227 40,382 32,319 34,110	236 171 143 132 122	4.20 3.95 3.53 4.08 3.58	(b) 3,252	(b) 4,072	(b) 1,252	1,099 1,210 1,251 1,255 1,280	1,992 2,217 2,454 1,531 2,154	1,813 1,832 1,962 1,220 1,683	99,758 104,014 84,354 90,579 91,335	117 169 138 151 156	1.17 1.58 1.63 1.66 1.70
1950-51 1951-52	31,581 31,514 35,347 34,524 26,209	124 151 115 144 101	3.93 4.78 3.24 4.18 3.85	4,100 4,443 5,002 2,407 3,605	5,417 10,806 9,339 5,338 7,548	1,321 2,432 1,867 2,218 2,094	1,280 1,313 1,296 1,281 1,331	2,480 1,716 3,014 2,145 2,983	1,938 1,307 2,326 1,674 2,241	96,388 97,763 110,045 123,249 96,496	161 172 192 242 158	1.67 1.76 1.75 1.96 1.64
1955-56 1956-57	20,842 19,125 21,696 16,186 15,525	78 90 102 86 98	3.74 4.69 4.68 5.31 6.31	4,733 7,988 9,033 7,479 8,119	12,549 14,927 18,541 15,032 21,049	2,651 1,869 2,053 2,010 2,593	1,312 1,405 1,410 1,430 1,436	3,169 2,147 2,870 3,384 2,800	2,354 1,528 2,035 2,367 1,950	137,157 123,150 110,164 153,822 126,544	261 238 205 302 221	1.91 1.94 1.86 1.96 1.75
1960-61 1961-62	10,875 11,129 13,839 10,806 9,393	39 72 83 65 57	3.59 6.43 5.96 6.15 6.07	10,165 12,962 12,828 12,070 15,210	14,433 37,640 33,124 32,943 51,638	1,420 2,904 2,582 2,729 3,395	1,406 1,411 1,452 1,462 1,475	2,819 2,837 2,862 1,580 2,088	2,005 2,011 1,971 1,080 1,415	171,012 157,238 165,442 149,640 180,256	326 285 313 249 364	1.91 1.82 1.89 1.67 2.02
1965-66 1966-67	11,993 10,278	76 73	6.37 7.13	16,040 15,304	51,267 56,790	3,196 3,711	1,491 1,468	3,069 2,091	2,058 1,424	147,828 203,181	257 437	1.74 2.15

<sup>(</sup>a) Ex-shell weight; includes estimated ex-shell weight for peas sold in pod. (b) Particulars for earlier years not available on a comparable basis.

#### AGRICULTURE

#### SELECTED CROPS—SUMMARY

				SELI	ECTED C	ROPS-	-SUMN	IARY				
		Apples			Apricots			Pears		Pli	ums and Prun	.es
Season	Bearing Area	Total Produc- tion	Yield Per Acre	Bearing Area	Total Produc- tion	Yield Per Acre	Bearing Area	Total Produc- tion	Yield Per Acre	Bearing Area	Total Produc- tion	Yield Per Acre
	acres	'000 bush	bush	acres	'000 bush	bush	acres	'000 bush	bush	acres	'000 bush	bush
1931-32	23,172 23,234 23,316 23,439	5,844 4,410 4,953 3,934	252 190 212 168	1,373 1,370 1,384 1,325	120 150 120 107	87 109 87 81	1,906 1,915 1,936 2,017	279 285 222 280	146 149 115 139	599 623 618 577	108 130 55 56	180 208 89 97
1935-36	$\begin{array}{c} 22,971 \\ 21,609 \\ 21,946 \\ 21,459 \\ 21,870 \end{array}$	3,950 4,611 4,792 5,724 5,148	172 213 218 266 235	1,251 1,201 1,167 1,162 1,154	138 95 141 161 74	110 79 120 138 63	2,042 2,063 2,091 2,085 2,192	211 270 214 376 316	103 131 102 180 144	520 520 455 404 400	86 98 61 84 63	165 188 133 207 157
1940-41	21,765 22,165 21,965 21,983 21,556	(a) 5,946 (a) 6,357 (a) 5,743 (a) 8,023 (a) 6,570	273 287 261 365 305	1,008 1,140 1,130 1,066 1,139	131 162 52 97 120	130 142 46 91 105	2,676 2,230 2,210 2,134 2,220	530 409 519 590 550	198 183 235 277 248	359 398 394 367 356	97 73 74 87 64	270 184 188 236 180
1945-46	21,503 21,112 20,360 19,338 18,931	(a) 8,522 (a) 4,228 (a) 7,894 2,563 4,794	396 200 388 133 253	1,217 1,157 1,006 1,175 1,034	65 21 115 118 64	53 18 114 101 62	2,225 2,254 2,155 1,799 1,738	524 528 601 272 269	236 234 279 151 155	345 344 318 303 269	45 27 95 55 49	131 78 298 183 182
1950-51	18,231 17,973 17,791 17,753 17,025	4,848 4,930 3,757 5,304 5,009	266 274 211 299 204	990 1,110 923 898 944	106 68 79 71 91	108 61 85 79 96	1,711 1,683 1,702 1,631 1,592	307 307 324 361 426	179 182 190 221 268	229 230 206 174 158	52 57 46 24 29	227 249 222 135 182
1955-56 1956-57	17,175 16,690 16,812 16,435 16,083	5,926 3,401 6,635 4,983 5,473	345 204 395 303 340	891 801 772 725 667	77 41 89 50 65	86 51 116 68 97	1,644 1,500 1,388 1,476 1,460	538 292 566 433 463	327 194 408 293 317	138 120 97 95 89	26 17 30 22 17	185 145 305 232 189
1960-61 1961-62	15,825 15,417 15,489 15,545 15,532	5,594 7,844 6,262 8,545 6,207	353 509 404 550 400	520 475 505 456 436	31 43 50 36 54	59 89 99 79 124	1,451 1,471 1,454 1,460 1,469	461 566 415 625 490	318 385 285 428 334	92 102 73 76 67	20 24 11 16 13	213 230 148 216 194
1965-66 1966-67	15,454 15,235	8,364 6,301	541 414	395 344	26 21	66 61	1,435 1,398	650 404	453 289	67 46	14 8	209 160
\$10.X		Currants Black and Re	d)		Gooseberries			Raspberries			Strawberries	
Season	Bearing Area	Total Produc- tion	Yield Per Acre	Bearing Area	Total Produc- tion	Yield Per Acre	Bearing Area	Total Produc- tion	Yield Per Acre	Bearing Area	Total Produc- tion	Yield Per Acre
		-		-	1000 11			1000 II-	116	o orog	2000 lb	1h

10.7	(E	Currants Black and Re	d)		Gooseberries			Raspberries			Strawberries	
Season	Bearing Area	Total Produc- tion	Yield Per Acre	Bearing Area	Total Produc- tion	Yield Per Acre	Bearing Area	Total Produc- tion	Yield Per Acre	Bearing Area	Total Produc- tion	Yield Per Acre
	acres	'000 lb	lb	acres	'000 lb	lb	acres	'000 lb	lb	acres	'000 lb	lb
1931-32 1932-33 (b) 1933-34 (b) 1934-35 (b)	n.a. n.a. n.a. 712	1,621 2,275 3,000 2,212	n.a. n.a. n.a. 3,107	n.a. n.a. n.a. n.a.	921 1,072 1,015 740	n.a. n.a. n.a. n.a.	n.a. 1,221 1,352 1,383	3,757 6,348 6,070 4,603	n.a. $5,199$ $4,490$ $3,328$	n.a. n.a. n.a. n.a.	734 865 889 1,207	n.a. n.a. n.a. n.a.
1935-36 (b) 1936-37 (b) 1937-38 (b) 1938-39 (b) 1939-40 (b)	782 887 872 980 1,029	2,690 3,039 2,440 2,691 2,673	3,440 3,426 2,798 2,746 3,569	(b) n.a. 104 98 96 92	910 1,008 643 758 794	n.a. 9,692 6,561 7,896 8,630	1,455 1,595 1,476 1,590 1,531	6,981 7,757 6,564 7,460 7,843	4,798 4,863 4,447 4,692 5,123	(b) 291 275 312 289	1,356 960 970 982 1,006	n.a. 3,299 3,527 3,147 3,481
1940-41 (b)	1,183	3,281	2,773	95	933	9,821	1,490	7,112	4,773	256	1,139	4,449
1941-42 (b)	1,465	5,865	4,003	122	1,147	9,402	1,600	7,380	4,613	304	1,606	5,283
1942-43 (b)	1,595	5,493	3,444	134	838	6,254	1,742	8,773	5,036	331	1,202	3,631
1943-44	1,731	4,648	2,685	155	1,069	6,897	1,992	8,854	4,448	375	1,020	2,720
1944-45	1,922	4,192	2,181	172	1,119	6,506	2,069	9,204	4,449	344	694	2,017
1945-46 1946-47	2,022	4,282	2,118	192	913	4,755	2,106	6,360	3,020	294	408	1,388
	2,055	5,961	2,901	198	1,070	5,404	2,049	6,230	3,041	260	632	2,431
	2,016	6,063	3,007	220	1,555	7,068	2,076	9,859	4,749	257	699	2,720
	2,006	6,030	3,006	209	1,632	7,809	2,086	7,603	3,645	250	871	3,484
	1,875	3,677	1,961	210	1,326	6,314	2,028	8,036	3,962	208	879	4,226
1950-51 1951-52	1,699	5,125	3,016	202	1,503	7,441	1,905	8,939	4,692	175	652	3,726
	1,542	5,573	3,614	223	1,824	8,179	1,809	8,980	4,964	141	656	4,652
	1,411	2,619	1,856	206	829	4,024	1,826	5,876	3,218	101	344	3,406
	1,064	2,900	2,726	101	390	3,861	1,453	5,673	3,904	75	242	3,227
	892	2,824	2,783	55	352	6,400	1,200	5,022	4,185	74	253	3,419
1955-56 1956-57	844	2,935	3,477	49	364	7,429	1,156	6,061	5,243	114	465	4,079
	820	2,578	3,144	45	303	6,733	1,051	4,750	4,520	118	503	4,263
	779	2,909	3,734	35	351	10,029	1,027	4,846	4,719	92	407	4,424
	817	3,337	4,084	35	344	9,829	1,024	5,535	5,405	85	487	5,729
	844	2,966	3,514	39	356	9,128	992	5,254	5,296	86	367	4,267
1960-61 1961-62	916	3,097	3,381	35	389	11,114	853	3,291	3,858	55	172	3,127
	902	2,197	2,436	37	356	9,622	838	4,816	5,747	72	275	3,819
	946	3,082	3,258	39	314	8,051	753	3,468	4,606	91	370	4,066
	978	2,955	3,021	32	347	10,844	753	3,841	5,101	80	175	2,188
	875	2,300	2,629	35	241	6,886	703	3,374	4,799	70	317	4,529
1965-66	765	2,936	3,838	30	196	6,539	651	3,502	5,378	74	218	2,958
1966-67	695	2,715	3,908	33	150	4,526	577	3,240	5,618	67	262	3,882

<sup>(</sup>a) Production figures for these years represent the crop as measured by Apple and Pear Board assessors, not the marketed crop (b) Areas include non-bearing areas.

### 3. PASTORAL

#### NUMBERS OF LIVESTOCK AT 31 MARCH 1967 Cattle (a) In Local Government Areas

Local			alls Used ded for Se		Produ	and Heife etion (for filk and C	sale)	House	Ma	tle and Ca inly for M Production	leat	
Government Area and Statistical Division	Holdings with Cattle	One Year  Dairy Breeds	and over  Beef Breeds	Bull Calves (under 1 year)	Cows (In Milk Dry)	Heifers (1 year over)	Heifer Calves (under 1 year)	Cows and Heifers (b)	Cows and Heifers (1 year over)	Calves (under 1 year) incl. Vealers	Other (1 year over) i.e. Steers, etc.	Total All Cattle
Hobart (H) Glenorchy (H) Clarence (H) Brighton (SE) (H) Glamorgan (SE) Green Ponds (SE) Richmond (SE) Sorell (SE) (H) Spring Bay (SE) Bruny (S) Esperance (S)	21 77 85 114 38 73 140 154 47 52 28 295 252 210 209 112 463 496 1,107	6 9 13 19 1 8 26 49 1 8 12 36 53 30 19 31 90 91	12 18 30 54 35 76 47 40 24 49 116 51 78 64 52 87 264 395	5 5 8 13 10 11 19 34 2 14 17 45 51 35 29 31 73 80	20 137 212 569 24 65 500 929 45 295 150 1,228 1,235 1,045 702 770 1,715 1,946 4,265	4 102 90 323  39 230 640 49 115 64 426 465 428 279 307 840 1,067 1,654	6 43 54 158 20 46 153 352 29 87 61 455 351 294 269 173 523 686 1,342	42 97 88 140 44 98 160 206 77 35 115 242 147 229 143 103 439 651 876	19 164 400 633 1,594 1,299 1,506 1,236 1,426 642 1,214 2,440 874 1,656 1,443 1,262 1,902 7,199 8,707	24 160 457 623 947 626 860 863 999 427 960 1,760 666 1,110 755 916 1,629 4,494 6,030	1 149 234 366 130 406 263 622 178 124 314 1,139 300 353 372 376 948 1,654 2,725	127 878 1,574 2,874 2,824 2,633 3,793 4,978 2,846 1,771 2,956 7,887 4,193 5,258 4,075 4,021 8,246 18,132 26,310
Launceston N. Central Div.	4 4	2 2	1		6	4 4	1	1 1	32 32	32 32	6	85 <b>85</b>
Burnie	360 574 452 170 471 224 248 262 430 544 3,735	160 691 375 33 284 103 113 139 154 446 2,498	188 252 258 60 161 256 117 76 191 174 1,733	166 511 226 67 152 134 140 93 184 319 <b>1,992</b>	6,582 30,822 12,986 1,530 10,341 7,569 4,081 5,550 7,851 14,739 102,051	2,080 8,748 4,243 609 2,883 2,444 1,242 1,704 2,345 4,379 30,677	1,723 8,579 4,118 353 2,962 2,528 1,121 1,354 1,815 4,560 29,113	71 77 163 58 84 191 95 97 97 163 <b>1,096</b>	2,741 6,067 3,575 924 2,035 7,472 1,768 846 2,025 2,239 29,692	2,619 6,361 4,862 1,237 2,999 6,049 2,492 1,717 3,641 3,384 35,361	1,661 5,804 3,416 722 1,670 3,330 2,403 1,511 3,232 2,323 26,072	17,991 67,912 34,222 5,593 23,571 30,076 13,572 13,087 21,535 32,726 <b>260,285</b>
Beaconsfield Fingal	334 108 129 105 257 70 214 259 1,476	108 44 20 21 74 33 249 108 657	130 213 190 58 118 54 138 271 1,172	75 71 79 21 71 26 151 138 <b>632</b>	3,341 1,528 984 1,066 3,283 1,911 8,906 4,863 25,882	1,108 441 202 313 1,015 626 2,766 1,601 8,072	1,146 486 266 259 1,025 749 2,820 1,581 8,332	142 156 97 80 119 19 56 74 <b>743</b>	3,075 6,460 5,931 1,137 1,860 689 2,655 5,733 27,540	2,228 4,448 3,752 1,161 2,401 921 3,543 5,383 23,837	702 2,484 2,205 490 867 158 2,318 3,164 12,388	12,055 16,331 13,726 4,606 10,833 5,186 23,602 22,916 109,255
Evandale Longford St Leonards Westbury N. Mid. Div.	80 218 146 332 <b>776</b>	16 83 14 228 341	109 257 106 253 725	37 141 39 219 <b>436</b>	725 2,811 1,142 6,068 <b>10,746</b>	250 960 428 2,541 <b>4,179</b>	231 819 361 2,183 3,594	198 337 106 214 855	2,701 6,800 2,222 3,807 <b>15,530</b>	1,669 4,818 1,594 3,659 11,740	421 1,295 642 1,682 <b>4,040</b>	6,357 18,321 6,654 20,854 <b>52,186</b>
Bothwell Campbell Town Hamilton Oatlands Ross Midland Div.	47 51 155 252 21 <b>526</b>	3 4 29 33 1 70	129 165 232 206 81 <b>813</b>	51 47 76 68 51 293	45 40 1,670 746 12 2,513	9 13 723 260 14 1,019	10 29 624 213 4 880	140 194 234 422 111 <b>1,101</b>	3,325 4,718 5,624 5,573 2,496 <b>21,736</b>	1,865 3,089 3,879 3,801 1,702 14,336	589 401 782 1,435 189 <b>3,396</b>	6,166 8,700 13,873 12,757 4,661 46,157
Western Div.	15	1	14	4	24	9	23		547	289	97	1,008
Tasmania	8,598	3,890	5,204	3,686	149,148	47,521	44,494	5,762	112,885	97,748	51,326	521,664

<sup>(</sup>a) As from 1964, wording of eattle section of the census schedule was revised; see page 27 for details.(b) One year and over kept primarily for farmers' own milk supply.

### NUMBERS OF LIVESTOCK AT 31 MARCH 1967—continued Sheep in Local Government Areas

				Shee	p			Lam	oing, Season	n 1966
Local Government	Holdings				1	1			Lambs	Marked
Area and Statistical Division	With Sheep	Rams (1 year and over)	Breeding Ewes	Other Ewes (1 year and over)	Wethers (1 year and over)	Lambs & Hoggets (under 1 year)	Total Sheep and Lambs	Ewes Mated	Number	Marking Ratio (a) (%)
Hobart (H)	2	1	11	1			13	11	15	136.4
Glenorchy (H)	28	21	1,345	47	385	710	2,508	1,047	928	88.6
Brighton (SE) (H)	96 124	441 944	24,443 45,296	2,094 $3,351$	6,063 $19,672$	5,219 22,904	38,260 92,167	20,848 40,312	20,236 $37,639$	$97.1 \\ 93.4$
Hamorgan (SE)	71	1,023	47,958	2,154	33,501	30,379	115,015	37,912	34,497	91.0
Freen Ponds (SE)	96	1,084	48,921	4,771	24,642	26,157	105,575	42,213	36,716	87.0
Richmond (SE)	169	1,317	63,388	3,911	25,846	28,120	122,582	58,185	49,851	85.7
orell (SE) (H)	155	936	49,581	3,708	23,635	24,654	102,514	44,754	42,896	95.9
pring Bay (SE)	72 31	913 128	32,031 6,380	6,832 $536$	33,533 $4,217$	24,058 $4,754$	97,367 $16,015$	30,584 $4,258$	27,817 $4,008$	91.0 94.1
Bruny (S) Esperance (S)	30	44	1,377	1	132	638	2,192	1,472	1,420	96.5
Huon (S)	62	154	8,937	103	718	3,684	13,596	5,059	4,958	98.0
Kingborough (S) (H)	52	93	3,603	509	2,027	1,381	7,613	2,980	2,882	96.7
New Norfolk (S) (H)	156	596	33,252	2,644	19,675	17,210	73,377	27,148	24,012	88.5
Port Cygnet (S)	46 60	77	4,606 6,648	$\frac{6}{574}$	232 4,105	1,158 $3,892$	6,079 $15,363$	$\frac{4,510}{6,022}$	4,069	$90.2 \\ 90.7$
Sasman (S) Hobart Div	251	144 1,021	54,941	3,932	20,693	19,114	99,701	47,915	5,464 <b>45,629</b>	95.2
SE. Div.	615	5,750	262,557	23,518	150,104	145,278	587,207	231,849	208,634	90.0
S. Div	384	1,145	60,279	3,792	27,586	30,526	123,328	47,551	43,145	90.7
aunceston N. Central Div.	5 5	3 3	81 <b>81</b>	$\begin{array}{c} 4 \\ 4 \end{array}$	14 14	26 <b>26</b>	128 <b>128</b>	70 <b>70</b>	53 <b>53</b>	75.7 <b>75.7</b>
Burnie	89	306	11,599	272	571	4,657	17,405	9,955	10,155	102.0
Circular Head	108	504	20,055	221	1,608	9,907	32,295	17,883	16,999	95.1
Deloraine	340	2,110	94,360	4,571	13,773 149	39,778	154,592 17,838	80,503 10,305	78,340	$97.3 \\ 96.2$
Devonport Kentish	83 246	260 857	$12,127 \\ 34,077$	$     \begin{array}{r}       143 \\       525     \end{array} $	1,893	5,159 $16,538$	53,890	29,409	$9,908 \\ 27,597$	93.8
Kentish King Island	105	1,326	66,864	5,128	17,822	36,749	127,889	52,744	48,338	91.7
Latrobe	154	569	19,524	1,488	7,847	19,937	49,365	16,794	17,695	105.4
Penguin	100	228	11,107	473	637	5,399	17,844	8,975	9,162	102.1
Ilverstone	225	565 595	22,394 $21,652$	551 586	550 537	10,943 $9,940$	35,003 33,310	18,414 19,586	19,063 20,036	103.5 $102.3$
Wynyard NW. Div	141 1,591	7,320	313,759	13,958	45,387	159,007	539,431	264,568	257,293	97.3
Beaconsfield	192	670	29,835	2,318	10,368	12,475	55,666	23,119	21,723	94.0
Fingal	113	1,715	72,770 $113,698$	11,510	72,738	50,137	208,870	62,903	58,259	92.6
linders	134	2,227 389	113,098	5,827 $704$	28,438 $10,900$	54,260 7,180	$204,450 \\ 34,543$	87,751 12,553	76,798 $11,432$	87.5 91.1
deorge Town	157	777	25,975	3,652	16,193	10,151	56,748	22,050	20,709	93.9
Portland	56	179	7,862	694	5,707	5,070	19,512	6,187	6,343	102.5
Ringarooma	89	790	30,629	1,581	12,218	17,492	62,710	28,494	26,207	92.0
scottsdale	136 948	1,282 <b>8,029</b>	53,707 <b>349,846</b>	677 <b>26,963</b>	21,490 <b>178,052</b>	23,405 <b>180,170</b>	100,561 <b>743,060</b>	51,045 <b>294,102</b>	49,202 <b>270,673</b>	96.4 <b>92.0</b>
NE. Div	940	0,027		20,703					270,070	72.0
lvandale	83	2,383	74,196	8,021	37,229	38,844	160,673	63,112	56,647	89.8
ongford	255	5,233	216,502	14,202	87,196	106,965	430,098	175,708	169,688	96.6
t Leonards	$\frac{126}{310}$	747 2,473	30,455 $98,326$	6,736 $6,660$	27,849 41,218	15,472 $58,632$	81,259 207,309	26,173 81,470	24,204 78,280	$92.5 \\ 96.1$
Vestbury N. Mid. Div	774	10,836	419,479	35,619	193,492	219,913	879,339	346,463	328,819	94.9
Bothwell	60	1,764	73,443	7,723	82,576	45,477	210,983	56,143	52,796	94.0
Campbell Town	79	3,581	108,405	14,459	65,729	70,102	262,276	96,485	87,567	90.8
Hamilton	178	2,325	99,350	8,684	85,436	64,110	259,905	89,567	76,155	85.0
Oatlands	294	3,847	184,368 70,379	17,912 7,827	118,700 54,422	110,115 46,145	434,942 180,432	154,860 58,019	150,434 52,835	97.1 91.1
Ross Mid. Div	41 652	1,659 <b>13,176</b>	535,945	56,605	406,863	335,949	1,348,538	455,074	419,787	92.3
W. Div	4	5	444	3		32	484	484	368	76.0
Tasmania	5,224	47,285	1,997,331	164,394	1.022.191	1,090,015	4,321,216	1,688,076	1.574.401	93.3

<sup>(</sup>a) Lambs marked as percentage of ewes mated.

# NUMBERS OF LIVESTOCK AT 31 MARCH—continued Pigs in Local Government Areas

					1966					1967		
Local Governme and Statistical D		,	Holdings with Pigs	Boars	Breeding Sows	All Other Pigs	Total Pigs	Holdings with Pigs	Boars	Breeding Sows	All Other Pigs	Tota Pigs
Hobart (H)			6	6	49	231	286	4	4	41	214	259
Henorchy (H)			23	13	204	1,108	1,325	24	15	180	879	1,074
Clarence (H)			13	10	44	230	284	11	7	48	270	325
Brighton (SE) (H)			23	9	45	300	354	23	4	33	163	200
lamorgan (SE)			6	3	14	47	64	6	5	18	94	117
reen Ponds (SE)			24	5	44	175	224	20	11	57	151	219
Richmond (SE)			35	9	58	206	273	34	13	81	239	333
orell (SE) (H) pring Bay (SE)			46	17	132	521	670	30	19	110	475	604
Bruny (S)			10	6 3	17 27	$\frac{86}{172}$	109 202	9 9	$\frac{5}{2}$	14 15	63 69	82
Esperance (S)			23	6	18	155	179	16	5	20	80	105
Huon (S)			41	13	58	324	395	34	13	86	370	469
Kingborough (S) (H)			54	25	210	1,138	1,373	38	20	205	1,009	1,234
New Norfolk (S) (H)			62	33	276	1,075	1,384	61	35	250	871	1,156
Port Cygnet (S)			54	20	135	543	698	49	20	141	503	664
Tasman (S)			33	12	44	282	338	26	16	68	264	348
Total Hobart Div			110	400			1	102	58	591	2,863	3,512
Total SE. Div. Total S. Div.			} 463	190	1,375	6,593	8,158	106 186	50 86	264 512	985 1,866	1,299 2,464
aunceston <b>Total N. Central</b>	Div.											
	DIV.			• •							• • •	
Burnie			136	94	499	2,446	3,039	120	82	440	2,087	2,609
Fircular Head			289	300	2,154	14,253	16,707	198	226	1,858	10,899	12,983
Deloraine			268	225	1,481	8,723	10,429	258	205	1,433	8,528	10,166
Devonport Kentish			53 289	$\frac{25}{194}$	144 979	827	996	42	21	129	728	878
Kentish King Island		::	104	102	588	5,863 2,621	7,036	250	$\frac{152}{95}$	862 613	4,967 $2,304$	5,981
atrobe			91	37	189	1,185	1,411	73	35	179	1,014	1,228
Penguin			83	63	608	3,413	4,084	70	61	556	3,524	4,141
Ilverstone			213	123	567	3,873	4,563	183	102	566	3,016	3,684
Wynyard Total NW. Div.		• •	193 1,719	164 1,327	973 <b>8,182</b>	5,180 <b>48,384</b>	6,317 <b>57,893</b>	162 1,455	158 1,137	974 <b>7,610</b>	4,720 <b>41,787</b>	5,852 <b>50,53</b> 4
Beaconsfield			90	56	356	2,061	2,473	87	55	336	1,941	-
Fingal	1::		37	20	163	749	932	35	31	159	865	$\begin{array}{c c} 2,332 \\ 1,055 \end{array}$
Flinders			15	9	29	574	612	14	8	33	130	171
George Town			33	23	101	443	567	26	24	103	502	629
ilydale			110	59	377	1,522	1,958	102	60	411	1,341	1,812
Portland			33	27	188	1,020	1,235	29	26	170	970	1,166
Ringarooma			171	139	1,043	7,719	8,901	156	140	1,056	7,533	8,729
cottsdale Total NE. Div.			121 <b>610</b>	111 444	737 <b>2,994</b>	4,146 <b>18,234</b>	4,994 <b>21,672</b>	113 5 <b>62</b>	121 <b>465</b>	685 <b>2,953</b>	3,858 <b>17,140</b>	4,664 <b>20,558</b>
Evandale			16	9	103	472	584	16	10	99	519	628
ongford			62	41	256	1,337	1,634	58	36	230	1,113	1,379
St Leonards			38	19	106	936	1,061	34	16	119	562	697
Vestbury			147	84	583	3,447	4,114	130	85	593	3,008	3,686
Total N. Mid. Di	V		263	153	1,048	6,192	7,393	238	147	1,041	5,202	6,390
othwell ampbell Town			5 5	3	7 12	$\begin{array}{c} 16 \\ 74 \end{array}$	26 87	6 3	$\frac{2}{1}$	7	28	37
Iamilton			26	10	58	231	299	29	10	12 55	$\begin{array}{c} 66 \\ 236 \end{array}$	301
atlands			56	12	77	308	397	55	13	74	218	305
Ross			3	2	10	51	63	4	2	8	77	87
Total Mid. Div.			95	28	164	680	872	97	28	156	625	809
Total W. Div.			3	1	25	142	168	3	1	21	66	88
Total Tasmania			3,153	2,143	13,788	80,225	96,156	2,749	1,972	13,148	70,534	85,654

# SUMMARY OF LIVESTOCK Cattle

#### Summary According to Usage

		fulls used or ded For Ser		intend	nd Heifers led for prod of Milk and	uction	House		Cattle and or Meat pr		
At 31 March	Bulls 1 and c		Bull Calves under	Cows In Milk	Heifers (1 year	Heifer Calves (under	Cows and Heifers (a)	Cows and Heifers (1 year	Calves (under 1 year)	Other (1 year and over) i.e.	Total Cattle
	Dairy	Beef	1 year	and Dry	and over)	1 year)	789	and over)	Incl. Vealers	Steers, etc.	830
1964	4,141	3,984	4,195	140,425	39,928	43,082	6,545	89,292	75,108	43,298	449,998
1965	4,179	4,132	3,473	143,257	43,311	42,648	6,212	91,175	73,334	39,750	451,471
1966	4,296	4,520	3,688	148,452	41,951	47,317	6,265	102,286	90,531	42,611	491,917
1967	3,890	5,204	3,686	149,148	47,521	44,494	5,762	112,885	97,748	51,326	521,664

(a) House cows (in milk and dry) and heifers (one year and over) being kept primarily for own milk supply.

Note: Because of the amount of cross-breeding between dairy and beef breeds of cattle (in particular on dairy farms) the simple dissection of cattle into 'Dairy' and 'Beef' was discontinued as from 1964 and a classification of all cattle (other than bulls) according to usage adopted.

Although the new classification as shown above prevents a strict comparison for each individual item, a grouping of certain items in the following table, provides figures which are generally comparable with those for earlier years.

#### Cattle Summary

At 3	31 Marc	ch	Number of Holdings with Cattle	Bulls (1 year and over)	Cows & Heifers (1 year and over)	Calves (under 1 year)	Other Cattle	Total Cattle
1059	lagile.		9,752	5,890	165,486	62,433	41,322	275,131
1953			9,736	6,407	177,942	69,102	41,727	295,178
1954			9,668	7,002	194,016	78,252	40,147	319,417
1955			9,000	1,002	101,010	. 0,202	,	,
1050			9,338	8,341	200,088	79,482	43,678	331,589
1956			9,519	7,500	215,302	89,254	42,114	354,170
1957			9,424	7,681	226,916	99,015	37,797	371,409
1958				7,566	231,494	92,952	42,312	374,324
1959			9,342	7,237	229,162	100,849	38,094	375,342
1960			9,031	1,201	229,102	100,043	00,004	0.0,012
1001			8,868	7,639	238,329	107,975	40,265	394,208
1961	• •		8,825	8,668	256,342	118,614	41,527	425,151
1962				8,944	270,223	122,383	42,053	443,603
1963			8,671	8,125	276,190	122,385	43,298	449,998
1964			8,547		283,955	119,455	39,750	451,471
1965			8,384	8,311	403,933	110,400	00,100	101,111
			8,667	8,816	298,954	141.536	42,611	491,917
1966 1967			8,598	9,094	315,316	145.928	51,326	521,664

### PRIMARY INDUSTRIES, 1966–67

### SUMMARY OF LIVESTOCK—continued Sheep

				She	еер				Lambing		Pre	oportion	of Breeds	3
At 31 March	31 ings March with Sheep	Rams (1 year and over)	Breed- ing Ewes	Other Ewes (1 year and over)	Wethers (1 year and over)	Lambs & Hoggets (under 1 year)	Total Sheep and Lambs	Ewes Mated (a)	Lambs Marked (a)	Marking Ratio (b)	Merino	Other Pure Breeds	Come- backs	Other
	no.	'000	'000	'000	'000	'000	,000	'000	,000	%	%	%	%	%
1953 1954 1955	5,093 5,058 5,276	29 29 29	1,009 1,031 1,077	187 173 177	637 637 647	560 595 665	2,422 2,465 2,595	894 916 968	968 788 884	85.87 86.04 91.35	11.51 11.83 11.47	45.43 46.58 47.64	13.98 16.10 15.81	29.08 25.49 25.08
1956 1957 1958 1959	5,295 5,500 5,753 5,926 5,950	32 34 39 42 41	1,216 1,347 1,482 1,573 1,520	151 141 167 206 235	673 686 753 840 860	601 735 857 875 838	2,673 2,943 3,298 3,536 3,494	979 1,150 1,266 1,381 1,461	877 1,056 1,199 1,269 1,354	89.62 91.84 94.73 91.85 92.68	11.26 10.85 9.71 9.18 (c)	50.34 49.69 50.03 52.08 (c)	14.10 13.29 12.54 13.17 (c)	24.30 26.17 27.72 25.57 (c)
1961 1962 1963 1964	5,764 5,675 5,415 5,255 5,114	42 43 42 41 43	1,552 1,548 1,608 1,567 1,739	200 208 195 193 157	850 848 886 890 943	795 885 839 909 910	3,439 3,532 3,570 3,600 3,792	1,378 1,440 1,419 1,458 1,478	1,267 1,368 1,310 1,353 1,374	91.94 95.00 92.28 92.84 92.98	10.18 9.53 9.68 9.71 9.25	52.68 55.49 58.90 58.85 62.03	11.40 12.17 11.45 12.15 11.04	25.74 22.81 19.97 19.29 17.68
1966 1967	5,276 5,224	45 47	1,826 1,997	172 164	951 1,022	1,133 1,090	4,127 4,321	1,651 1,688	1,594 1,574	$96.54 \\ 93.27$	8.68 8.01	63.43 64.47	10.01 10.50	17.88 17.02

(a) In the season preceding the year named.(b) Lambs marked as a percentage of ewes mated.(c) Not collected for this year.

#### Horses and Pigs

				Hor						D:			
				1101	ses		ATT SERVICE			Pigs			
At 3	At 31 March	Draught Horses (1 year and over)	Other Horses (1 year and over)	Foals (under 1 year)	Total Horses	Boars	Breeding Sows	Baconers and Porkers	Back- fatters	Stores	Suckers, Weaners and Slips	Total Pigs	
1953			12,073	5,700	451	18,224	1,204	6,227	11,667	234	3,815	16,231	39,378
1954			11,076	5,595	405	17,076	1,372	7,730	14,473	269	3,853	18,559	46,256
1955			10,047	5,413	405	15,865	1,608	9,065	15,965	434	6,079	25,231	58,382
1956			8,935	5,350	355	14,640	1,446	7,492	16,899	419	4,628	18,614	49,498
1957			8,203	5,254	324	13,781	1,613	8,591	16,742	216	4,520	20,676	52,358
1958			7,397	5,147	312	12,856	1,841	10,594	17,962	323	7,232	24,643	62,595
1959			6,365	5,023	324	11,712	1,992	10,432	21,471	598	8,159	26,563	69,215
1960			5,497	4,738	277	10,512	2,075	10,730	21,759	393	6,756	25,405	67,118
1961			4,445	4,632	303	9,380	2,168	11,371	20,341	352	8,256	28,394	70,882
1962			3,785	4,506	276	8,567	2,123	11,422	25,272	567	8,087	28,283	75,754
1963			3,199	4,659	335	8,193	2,112	11,447	23,894	443	6,794	25,312	70,002
1964			2,756	4,511	371	7,638	2,260	13,234	28,685	560	7,356	30,439	82,534
965			2,360	4,586	376	7,322	2,327	14,578	30,496	428	8,769	35,423	92,021
966			(a)	(a)	(a)	(a)	2,143	13,788	33,797	373	10,135	35,920	96,156
1967			(a)	(a)	(a)	6,660	1,972	13,148			70,534		85,654

(a) Details not collected.

#### BREEDS OF SHEEP—SUMMARY

		Border 1	Leicester			Corr	iedale			Dorse	t Horn	
At 31		<u> </u>	Tota	al			Tot	al			Tot	al
March	Rams	Other	Number	Percentage of All Breeds	Rams	Other	Number	Percentage of All Breeds	Rams	Other	Number	Percen tage of All Breeds
1958 1959 1961 (a) 1962 1963 1964 1965 1966	2,957 3,335 2,858 2,738 2,655 2,492 2,360 2,420 2,409	52,260 58,995 50,325 54,098 44,055 36,983 39,849 40,520 40,117	55,217 62,330 53,183 56,836 46,710 39,475 42,209 42,940 42,526	1.7 1.8 1.5 1.6 1.3 1.1 1.1 1.0 1.0	5,307 5,360 5,773 6,087 6,261 6,299 7,238 8,143 8,564	464,194 513,926 475,620 507,788 566,992 579,536 669,325 759,839 832,616	469,501 519,286 481,393 513,875 573,253 585,835 676,563 767,982 841,180	14.2 14.7 14.0 14.6 16.1 16.3 17.8 18.6 19.5	3,787 4,236 4,374 4,279 4,110 3,857 4,008 3,703 3,884	28,316 37,124 29,402 25,691 29,465 26,590 23,584 24,540 22,077	32,103 41,360 33,776 29,970 33,575 30,447 27,592 28,243 25,961	1.0 1.2 1.0 0.8 0.9 0.8 0.7 0.7
882,78		Mer	rino	920,8	088,	Polv	varth			Romne	y Marsh	rot
4.07			Total	al		1	Total	al			Tota	al
At 31 March	Rams	Other	Number	Percentage of All Breeds	Rams	Other	Number	Percentage of All Breeds	Rams	Other	Number	Percentage of All Breeds
1958 1959 1961 (a) 1962 1963 1964 1965 1966	7,583 7,012 6,665 6,367 5,963 5,583 5,939 6,004 6,239	312,627 317,635 343,528 330,275 339,617 343,925 344,704 352,036 339,813	320,210 324,647 350,193 336,642 345,580 349,508 350,643 358,040 346,052	9.7 9.2 10.2 9.5 9.7 9.7 9.3 8.7 8.0	8,711 9,946 10,152 10,655 10,888 11,250 12,203 12,670 14,090	951,182 1,045,220 1,062,913 1,187,635 1,266,450 1,309,274 1,453,498 1,610,715 1,708,162	959,893 1,055,166 1,073,065 1,198,290 1,277,338 1,320,524 1,465,701 1,623,385 1,722,252	29.1 29.8 31.2 34.0 35.8 36.7 38.6 39.3 39.9	3,196 3,795 3,270 3,053 2,842 2,601 2,605 2,873 3,097	68,484 87,562 85,124 82,867 87,573 78,447 80,200 85,232 90,251	71,680 91,357 88,394 85,920 90,415 81,048 82,805 88,105 93,348	2.2 2.5 2.6 2.4 2.5 2.3 2.2 2.1 2.2
		Devo	land	1 8 8 6 1 1 8 8 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 111	South	ndown			ther Recog	migad Proof	
		nye	land   Tot			Boun	Total			Timer Trecog	Tota	
At 31 March	Rams	Other	Number	Percentage of All Breeds	Rams	Other	Number	Percentage of All Breeds	Rams	Other	Number	Percentage of All Breeds
1958 1959 1961 (a) 1962 1963 1964 1965 1966	1,713 2,114 2,491 2,379 2,372 2,100 2,029 1,941 1,879	12,216 13,483 11,573 12,783 13,179 9,796 8,886 9,526 5,246	13,929 15,597 14,064 15,162 15,551 11,896 10,915 11,467 7,125	0.4 0.4 0.4 0.4 0.3 0.3 0.3 0.2	2,212 2,412 2,624 2,645 2,475 2,211 1,967 2,074 1,804	16,729 21,147 25,231 23,960 15,383 16,021 13,973 12,863 15,079	18,941 23,559 27,855 26,605 17,858 18,232 15,940 14,937 16,883	0.6 0.7 0.8 0.8 0.5 0.5 0.4 0.4	2,028 2,407 2,565 2,946 3,359 3,379 3,617 4,098 4,554	26,745 30,207 37,060 29,865 44,102 27,908 27,060 37,033 32,091	28,773 32,614 39,625 32,811 47,461 31,287 30,677 41,131 36,645	0.9 0.9 1.2 0.9 1.3 0.9 0.8 1.0
Total I		Come	backs	10   s	shakil l	Cross	sbreds		SECTION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF T	Total	Sheep	
		Come	Tot	<u></u>		1	Tot	al al		1	Tot	al
At 31 March	Rams	Other	Number	Percentage of All Breeds	Rams	Other	Number	Percentage of All Breeds	Rams	Other	Number	Percentage of All Breeds
1958 1959 1961 (a) 1962 1963 1964 1965	379 268 465 186 225 111 286 199	413,419 465,302 391,706 429,519 408,644 437,364 418,558 412,834 453,305	413,798 465,570 392,171 429,705 408,869 437,475 418,844 413,033 453,611	12.5 13.2 11.4 12.2 11.5 12.2 11.1 10.0 10.5	1,149 1,540 671 1,201 845 801 578 542 459	913,040 902,647 884,470 804,486 712,082 693,766 670,103 737,451 735,174	914,189 904,187 885,141 805,687 712,927 694,567 670,681 737,993 735,633	27.7 25.6 25.7 22.9 20.0 19.3 17.7 17.9 17.0	39,022 42,425 41,908 42,536 41,995 40,684 42,830 44,667 47,285	3,259,212 3,493,248 3,396,952 3,488,967 3,527,542 3,559,610 3,749,740 4,082,589 4,273,931	3,298,234 3,535,673 3,438,860 3,531,503 3,569,537 3,600,294 3,792,570 4,127,256 4,321,216	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

<sup>(</sup>a) Details of breeds of sheep for 1960 were not collected.

# SHEEP BREEDS BY STATISTICAL DIVISIONS AS AT 31 MARCH 1967 Rams Only

Breed	Hobart	South Eastern	Southern	North Central	North Western	North Eastern	North Midland	Midland	Western	Total
D. I. T.	00	100	1.0	1	410	000	1.000	110		0.400
Border Leicester	29	190	18	1	413	280	1,032	446		2,409
Cheviot	13	3	23		87	58	90	33		307
Corriedale	75	614	117		1,122	1,678	2,155	2,803		8,564
Dorset Horn	286	446	133	1	1,098	862	609	449		3,884
English Leicester		3	1		27	74	140	89		334
Merino	12	548	83		81	792	1,753	2,970		6,239
Poll Dorset	112	226	61		754	455	651	138		2,397
Polwarth	205	2,797	252	1	476	2,602	3,029	4,728		14,090
Romney Marsh	35	132	54		1,473	468	593	337	5	3,097
Ryeland	34	57	53		1,070	251	327	87		1,879
Southdown	109	412	149		312	261	292	269		1,804
Suffolk	66	265	103		241	66	89	531		1,361
Other $(a)$	12	6	17		37	41	28	14		155
Comebacks	1	33	42		1	35		194		306
Crossbreds	32	18	39		128	106	48	88		459
Total	1,021	5,750	1,145	3	7,320	8,029	10,836	13,176	5	47,285

<sup>(</sup>a) Recognised breeds.

#### All Sheep (including Rams)

Breed	Hobart	South Eastern	Southern	North Central	North Western	North Eastern	North Midland	Midland	Western	Total
Border Leicester	2,704	4.089	840	1	17,513	3,821	10,000	3,558		42,526
Cheviot	113	454	332		1,511	759	614	363		4,146
Corriedale	14,981	68,594	15,419		115,867	172,963	197,530	255,826		841,180
Dorset Horn	1,543	3,348	1,419	1	6,797	4,316	5,745	2,792		25,961
English Leicester	781	75	22		714	788	736	299	080.0	3,415
Merino	354	21,214	528		2,926	49,765	95,630	175,635	10000	346,052
Poll Dorset	230	2,515	296		5,132	3,301	5,606	925	088.0	18,005
Polwarth	35,009	298,234	42,387	20	77,780	344,210	381,319	543,293		1,722,252
Romney Marsh	132	1,943	2,148		52,124	15,678	13,243	8,009	71	93,348
Ryeland	115	127	138		4,011	844	1,417	473		7,125
Southdown	1,032	4,008	2,029		3,030	1,094	3,124	2,566		16,883
Suffolk	605	1,947	407		1,326	267	424	5,305		10,281
Other $(a)$	158	7	29		290	183	33	98		798
Comebacks	4,137	115,368	19,691		8,707	35,532	27,932	242,244		453,611
Crossbreds	37,807	65,284	37,643	106	241,703	109,539	135,986	107,152	413	735,633
Total	99,701	587,207	123,328	128	539,431	743,060	879,339	1,348,538	484	4,321,216

<sup>(</sup>a) Recognised breeds.

# CLASSIFICATION OF GREASY WOOL SOLD AT AUCTION IN TASMANIA (Source: Australian Wool Bureau)

				196	32-63	196	3-64	196	4-65	196	55-66	196	66-67
Predom	ninating	g Qualit	У	Bales	Proportion of Total (%)	Bales	Proportion of Total (%)	Bales	Proportion of Total (%)	Bales	Proportion of Total (%)	Bales	Proportion of Total (%)
70s and Fine	er			5,374	5.9	5,773	6.4	5,226	4.8	5,880	5.2	5,476	4.5
64/70s				2,959	3.3	2,530	2.8	2,915	2.7	2,615	2.3	2,891	2.4
64s				4,381	4.8	4,490	4.9	3,601	3.3	3,601	3.2	3,803	3.1
64/60s				515	0.6	774	0.8	636	0.6	783	0.7	722	0.6
60/64s				7,560	8.3	8,839	9.7	(p)7,709	7.0	9,817	8.7	8,035	6.6
60s and 60/5				15,886	17.5	17,358	19.1	17,205	15.6	19,565	17.3	18,549	15.3
Total 60	s and	Finer		36,675	40.4	39,764	43.7	37,292	34.0	42,261	37.4	39,476	32.6
58s				23.511	25.9	22,684	25.0	33,495	30.5	33,176	29.4	38,412	31.7
56s				16,646	18.4	15,294	16.9	22,599	20.6	22,373	19.8	24,663	20.4
50s				8,045	8.9	7,240	8.0	9,740	8.8	9,189	8.1	11,305	9.3
Below 50s				3,628	4.0	3,004	3.3	4,706	4.3	3,728	3.3	4,668	3.9
Oddments				2,172	2.4	2,788	3.1	1,989	1.8	2,274	2.0	2,631	2.2
Grand '	TOTAL			90,677	100.0	90,774	100.0	109,821	100.0	113,001	100.0	121,155	100.0

Note: Bales are approximately 290 lb.

#### WOOL PRODUCTION—SUMMARY

nuaua.			Shorn Wool	Dead and	Total Woo	l Produced	Average P	rice per lb of
ro) i	Year	'000 lb 26,110 28,892		Fellmongered Wool and Wool on Skins Exported	Quantity	Value	All Wool Produced	Greasy Wool Sold at Tasmanian Auctions
			'000 lb	'000 lb	'000 lb	\$'000	cents	cents
1957-58			26,110	3,065	29,175	15,484	53	55
1958-59			28,892	3,742	32,634	13,688	42	44
1959-60			29,091	4,509	33,600	16,508	49	52
1960-61			27,881	3,989	31,870	14,458	45	48
1961-62			30,039	4,430	34,469	15,752	46	49
1962-63			30,318	4,243	34,561	17,772	51	55
1963-64			29,597	4,410	34,007	21,352	63	67
964-65			35,619	4,052	39,671	19,050	48	49
965-66			36,948	4,910	41,858	22,405	54	56
1966-67			38,687	4,466	43,153	20,983	49	51

# AVERAGE MARKET PRICE OF MAIN CLASSES OF GREASY WOOL Tasmanian Sales, February—March of Each Year (cents per lb)

Class of Wool	1959	1960	1961	1962	1963	1964	1965	1965	1967	1968
Merino—										
Extra Super Fine (80 & up)	83/292	117/350	80/338	92/347	125/376	125/376	78/388	110/516	120/760	80/520
Superior (70s)	66	78	80	88	88	94	73	90	95	86
Good 64/70s)	54	66	61	71	74	87	68	79	79	78
Lambs—Good Carding	54	52	59	56	55	77	55	61	56	50
Average Carding	37	38	39	41	38	58	46	49	46	40
Comebacks—										
Extra Super Fine (60/64s)	60	68	64	66	74	88	65	75	72	69
Superior (58/60s)	54	63	58	62	70	83	60	68	67	65
Good (58/60s)	49	58	54	57	66	78	56	63	62	61
Good Average (58/60s)	47	54	53	53	62	75	53	61	60	57
Lambs—Super Carding	47	49	50	45	48	65	49	55	50	47
Average Carding	32	36	36	33	39	53	38	45	40	34
Crossbreds—	02	00		00	00	00	00	10	10	01
Super Fine (56s)	49	59	56	57	66	80	56	63	61	60
Super Medium (50s)	48	54	55	54	63	77	54	61	56	51
Good/Average Fine (56s)	45	52	53	52	60	76	53	59	56	50
Good/Average Medium (50s)	43	48	53	50	57	73	51	58	51	39
Course (44s)	40	48	51	43	52	61	43	48	34	22
Lambs—	10	10	0.1	10	02	01	10		0.1	
Fine to Med. Sup. Carding	38	47	44	42	46	60	43	51	43	36
Fine to Med. Avge Carding	29	38	35	31	38	51	35	45	32	29
Coarse Sup. to Av. Carding	23/33	33/48	30/52	30/45	23/40	43/57	28/40	28/48	22/46	20/30
All Wool	46	53	50	50	59	71	51	58	54	48

#### SHEARING AND SHORN WOOL OBTAINED; LAMBING FORCAST—SUMMARY

					Shearing		716,1 8,688	89,488	218,1	Lambing Ewes Mated For Mating	or Intended During Year
Year E	N	ımber Sho	rn	Shorn	Wool Ob	tained	Averag	ge Yield of	Wool	Ended 31	December
	Sheep	Lambs	Total	From Sheep (a)	From Lambs	Total	From Sheep (a)	From Lambs	Total	To Merino, Corriedale or Polwarth Rams	To Rams of Other Breeds
	'000	'000	,000	'000 lb	'000 lb	'000 lb	lb	lb	lb	'000	'000
1958	 2,576	812	3,388	24,163	1,947	26,110	9.38	2.40	7.71	720	714
1959	 2,890	783	3,673	27,081	1,811	28,892	9.37	2.31	7.87	749	770
1960	 3,003	831	3,834	27,321	1,770	29,091	$9.10 \\ 8.89$	$\frac{2.13}{2.30}$	7.59 7.58	701 777	736
1961 1962	 $2,945 \\ 3,003$	733 827	$\frac{3,678}{3,830}$	26,193 28,193	1,688 1,846	27,881 30,039	9.39	2.23	7.84	771	742 $733$
1963	 3,021	762	3,783	28,524	1,794	30,318	9.44	2.35	8.02	835	737
1964	 3,049	819	3,868	27,862	1,735	29,597	9.14	2.12	7.65	870	690
1965	 3,171	807	3,978	33,752	1,867	35,619	10.64	2.31	8.95	984	737
1966	 3,339	979	4,318	34,524	2,424	36,948	10.34	2.48	8.56	1,011	804
1967	 3,542	975	4,517	36,210	2,477	38,687	10.22	2.54	8.56	1,165	823

# SHEARING AND SHORN WOOL OBTAINED, AND LAMBING FORECAST IN LOCAL GOVERNMENT AREAS

Local Section 1			Sheari	ng, 1966-6	7			Lamb	ing Foreca	st, 1967 S	leason
Local Government Area and	Number	Shorn	Shorn	Wool Obt	sained	Ave: Yiel Wo	d of		es Mated or ng to Ram Breed	s of Follo	
Statistical Division	Sheep	Lambs	From	From Lambs	Total	From	From Lambs	Manina	Corrie-	Oti	her
	эпеер	Lamos	Sheep (a)	Lamos	Total	Sheep (a)	Lambs	Merino	dale or Polwarth	Short- wool	Long- wool
Hobart (H)	no.  12 1,646 32,247 82,572 97,172 92,214 110,192 91,367 82,502 13,394 1,807 8,922 7,011 61,205 4,958 12,161 84,179 514,602 100,601	no.  349 5,483 19,317 32,464 25,226 21,639 15,836 22,663 4,106 372 1,953 839 12,370 149 2,459 15,056 129,318 20,851	'000 lb (b) 15 315 842 974 927 1,068 910 811 125 65 603 38 101 871 5,078	'000 lb 1 18 422 53 58 60 33 32 13 1 7 1 29 (b) 6 39 262 55	'000 lb (b) 17 333 885 1,027 986 1,128 943 843 138 17 79 67 633 39 107 910 5,341	1b 6.18 9.31 9.76 10.20 10.02 10.06 9.69 9.96 9.83 9.30 8.82 8.16 9.29 9.86 7.71 8.32 10.35 9.87 9.29	1b  4.25 3.26 2.19 1.63 2.32 2.77 2.07 1.42 3.19 3.51 3.44 1.72 2.36 3.13 2.39 2.56 2.03 2.65	no68 .75 2,133 2,960 7,107 4,761 3,124 3,76210 .506 .128 2,900884 .686 23,392 4,340	no. 95 3,531 21,273 39,222 27,682 23,302 17,707 24,391 3,317 214 1,097 13,869 500 1,223 14,391 144,676 18,356	no. 1,058 18,577 20,688 1,985 12,559 30,392 21,928 1,765 2,559 812 5,412 1,458 10,224 3,217 3,733 33,431 77,383 25,553	no. 1 129 2,500 3,14 3,600 1,166 3,730 4,600 1.966 655 594 2,94 633 1,64 570 522 5,469 15,828 7,12
Launceston	92 92	20 <b>20</b>	1 1	(b) (b)	1 1	9.38 9.38	2.65 2.65		7 7	42 42	32 32
Burnie Circular Head Deloraine Devonport Kentish King Island Latrobe Penguin Ulverstone Wynyard Total NW. Div.	11,711 21,574 106,628 10,743 36,556 96,599 27,626 11,334 23,542 22,261 368,574	2,668 7,412 33,486 3,573 13,685 39,269 14,832 2,871 6,331 6,805 130,932	111 243 940 94 305 1,064 242 103 201 198 3,501	11 23 113 15 42 159 53 10 24 24 475	122 266 1,052 109 347 1,223 295 114 226 222 3,976	9.47 11.26 8.81 8.78 8.34 11.02 8.75 9.09 8.55 8.89 <b>9.50</b>	4.20 3.16 3.37 4.20 3.08 4.04 3.57 3.65 3.85 3.48 3.63	45 199 221  565 615 147 29 10 300 2,131	4,731 12,685 698 4,683 52,287 4,320 1,153 748 133 81,438	7,313 11,631 43,491 10,860 19,372 7,688 11,612 8,717 18,065 18,477 157,226	4,463 3,731 41,332 1,277 11,084 8,371 4,090 1,166 4,288 3,477 83,279
Beaconsfield Fingal Flinders George Town Lilydale Portland Ringarooma Scottsdale Total NE. Div.	44,220 188,914 152,683 29,324 44,405 14,601 51,116 78,904 <b>604,167</b>	9,323 46,278 51,494 5,172 9,607 3,848 14,405 18,757 158,884	393 2,029 1,700 277 389 129 468 791 <b>6,175</b>	25 96 211 14 23 13 52 59 493	419 2,125 1,911 290 412 142 520 850 <b>6,668</b>	8.90 10.74 11.13 9.43 8.76 8.84 9.15 10.02 <b>10.22</b>	2.69 2.07 4.10 2.65 2.43 3.35 3.61 3.15 3.10	164 16,887 2,282 555 1,960 280 40  22,168	11,412 44,060 93,149 6,529 5,225 3,565 15,961 20,890 200,791	13,762 3,704 15,405 5,418 13,836 1,577 9,591 24,698 87,991	4,553 4,719 3,801 2,470 5,149 2,998 5,970 9,758 39,418
Evandale	136,813 349,862 65,877 167,908 <b>720,460</b>	39,160 105,429 14,269 40,267 <b>199,125</b>	1,317 3,568 600 1,615 <b>7,100</b>	88 258 30 97 <b>473</b>	1,405 3,826 630 1,712 <b>7,573</b>	9.63 10.20 9.10 9.62 <b>9.85</b>	2.24 2.44 2.10 2.42 2.37	16,262 11,908 2,312 692 31,174	38,326 127,506 10,682 40,000 <b>216,514</b>	10,311 39,757 9.116 32,921 <b>92,105</b>	8,832 36,733 7,641 25,244 78,448
Bothwell Campbell Town Hamilton Datlands Ross Total Mid. Div	165,290 223,708 223,083 372,378 164,441 1,148,900	43,134 70,794 59,903 102,137 44,827 <b>320,795</b>	1,831 2,460 2,330 4,166 1,757 12,544	87 175 125 196 98 <b>680</b>	1,918 2,635 2,455 4,362 1,855 13,225	11.08 11.00 10.44 11.19 10.69 <b>10.92</b>	2.01 2.47 2.09 1.92 2.18 <b>2.12</b>	10,320 13,130 10,718 14,463 21,015 <b>69,646</b>	47,592 73,451 74,585 107,800 31,621 335,049	6,412 11,646 11,232 37,745 5,014 <b>72,049</b>	5,73′ 9,965 3,708 20,365 7,485 47,253
Total W. Div	551	104.	5		5	8.39					440
Total Tasmania	3,542,126	974,981	36,210	2,477	38,687	10.22	2.54	153,537	1,011,222	545,780	277,28

(a) Includes crutchings.(b) Less than half the unit shown.

#### PASTORAL

## LIVESTOCK NUMBERS (a) AND WOOL PRODUCTION—SUMMARY

Year		Lives	tock		Wool (Greasy Basis)	Year		Live	estock		Wool (Greas Basis)
1 ear	Horses	Cattle	Sheep	Pigs	(b)	1 Gar	Horses	Cattle	Sheep	Pigs	(b)
	no.	no.	,000	no.	'000 lb		no.	no.	'000	no.	'000 lb
820	111	6,889	42	(c)	(c)	1925-26	37,785	212,373	1,619	41,009	12,56
$820 \dots $	3,387	85,942	681	(c)	(c)	1926-27	36,830	213,112	1,803	38,906	12,33
835	6,449	82,217	824	(c)	2,429	1927-28	35,872	210,894	1,905	41,752	13,27
					\$18	1928-29	34,908	208,812	2,001	48,304	14,90
840	11,850	92,101	1,090	(c)	3,637	1929-30	34,336	214,643	2,091	52,899	15,00
845	14,824	76,417	1,253	(c)	3,662	7000 07	00 =00	220 274	9.190	84 556	14,80
850	18,391	82,761	1,822	(c)	5,855	1930-31	32,700	230,254	2,120 2,012	54,556 41,459	14,70
855	18,358	110,304	1,836	22,331	5,858	1931-32 1932-33	$30,659 \\ 30,269$	$\begin{bmatrix} 232,444 \\ 250,807 \end{bmatrix}$	2,012	41,391	15,200
860	21,034	83,366	1,701	31,290	4,538	1932-33	30,209	262,256	2,035	38,126	14,20
865	22,152	90,020	1,753	36,624	4,924	1934-35	30,662	261,588	2,038	40,291	14,03
0 = 0	$\begin{bmatrix} 22,132 \\ 22,679 \end{bmatrix}$	101,459	1,350	49,432	4,147	1334-30	30,002	201,000	_,000		
870 875	23,473	118,694	1,720	47,664	6,199	1935-36	30,626	270,035	2,140	45,163	16,30
880	25,267	127,187	1,794	48,029	9,025	1936-37	30,971	261,597	2,234	40,021	14,06
885	28,610	138,642	1,649	67,395	5,774	1937-38	31,578	254,812	2,521	43,067	15,59
					1000	1938-39	30,458	262,407	2,626	45,317	17,51
	31,165	162,440	1,619	81,716	8,984	1939-40	29,605	252,484	2,677	44,941	18,33
891	31,312	167,788	1,664	73,520	9,378			270 700	2.002	40 519	17.07
892	31,976	170,085	1,623	59,267	8,438	1940-41	29,406	259,108	2,682	46,713	17,07 16,98
1893	31,587	169,141	1,535	51,952	8,729	1941-42	28,612	$\begin{bmatrix} 253,106 \\ 244,681 \end{bmatrix}$	$\begin{bmatrix} 2,398 \\ 2,227 \end{bmatrix}$	$\begin{array}{c c} 44,519 \\ 49,251 \end{array}$	17,25
1894	34,835	177,038	1,727	65,620	9,177	1942-43	27,077	230,127	2,188	46,427	17,92
	07 700	100 001	1 504	70 149	7,223	1943-44 1944-45	26,317 $25,885$	224,668	2,156	46,915	16,32
895	31,580	162,801	$1,524 \\ 1,651$	70,142 $55,301$	8,811	1944-40	20,000	224,000	2,100	10,010	10,01
1896	29,547 $29,898$	157,730 157,486	1,589	43,520	8,144	1945-46	24,863	216,306	1,926	46,915	16,33
1897 1898	29,859	149,753	1,494	45,274	7,793	1946-47	23,925	220,119	1,993	47,407	16,64
1898 1899	31,189	160,204	1,672	74,451	8,636	1947-48	23,125	244,107	2,087	45,149	15,32
1000	01,100	100,201			100	1948-49	22,207	266,419	2,160	36,996	16,84
1900	31,607	165,516	1,684	68,291	6,754	1949-50	21,197	274,740	2,170	35,841	16,95
1901	32,399	168,661	1,792	58,716	10,270			0=1=04	0.100	AF AAC	17 95
1902	33,465	177,566	1,680	52,096	9,616	1950-51	20,056	271,784	$\begin{array}{c c} 2,182 \\ 2,338 \end{array}$	45,446 $46,926$	17,25 $20,51$
1903	35,541	185,938	1,597	56,538	6,867	1951-52	18,834 18,224	266,263 $275,131$	2,336	39,378	19,80
1904	36,565	202,206	1,556	77,943	12,321	1952-53 1953-54	18,224	275,131 295,178	2,422 $2,465$	46,256	20,11
	0 7 101	200 211	1 504	72,810	11,753	1953-54	15,865	319,417	2,595	58,382	23.79
1905	37,101	206,211	$\begin{array}{ c c c c }\hline 1,584 \\ 1,729 \end{array}$	42,985	12,601	1994-99	10,000	010,111	2,000		
1906	38,299 40,392	$\begin{array}{c c} 211,117 \\ 215,523 \end{array}$	1,745	46,704	10,878	1955-56	14,640	331,589	2,673	49,498	23,42
1907 1908	39,881	215,523	1,728	47,945	13,860	1956-57	13,781	354,170	2,943	52,358	28,67
	40,492	199,945	1,735	55,705	12,551	1957-58	12,856	371,409	3,298	62,595	29,17
1909	10,102	100,010				1958-59	11,712	374,324	3,536	69,215	32,63
1910	41.388	201,854	1,788	63,715	13,339	1959-60	10,512	375,342	3,494	67,118	33,60
1911	41,853	217,406	1,823	67,392	12,727			004 000	9.490	70 000	31,87
1912	44,039	222,181	1,853	49,152	14,416	1960-61	9,380	394,208	3,439	70,882 $75,754$	34,46
1913	43,941	205,743	1,745	37,990	12,093	1961-62	8,567	425,151 443,603	$\begin{bmatrix} 3,532 \\ 3,570 \end{bmatrix}$	70,002	34,56
1914-15	42,232	176,524	1,675	34,960	12,049	1962-63	8,193	449,998	3,600	82,534	34,00
	17 100	100 555	1 694	97 779	11,747	1963-64 1964-65	7,638 $7,322$	451,471	3,793	92,021	39,67
1915-16	41,422	169,575	1,624 1,703	37,778 $53,033$	12,442	1304-00	1,022	101,111	0,.00	,,,,,	
1916-17	42,620	179,360 197,938	1,711	54,653	11,927	1965-66	(c)	491,917	4,127	96,156	41,8
1917-18	$\begin{array}{c c} 42,396 \\ 41,221 \end{array}$	218,234	1,842	44,328	12,280	1966-67	6,660	521,664	4,321	85,654	43,1
1918-19	39,452	214,442	1,781	35,530	13,069						
1919-20	33,402	211,112	1,								
1920-21	39,117	208,202	1,571	38,116	11,503						
1921-22	38,439	216,704	1,551	49,743	11,635						
1922-23	37,313	218,197	1,558	46,056	12,219						
1923-24	37,570	220,351	1,558	47,101	11,712						
1924-25	37,091	225,740	1,614	47,305	12,483						
(a) At 31						1					-

# LIVESTOCK SLAUGHTERED AND DIED ON FARMS IN LOCAL GOVERNMENT AREAS Year ended 31 March 1967

Local Government					htered on Fa Consumption		]	Livestock Di	ed on Farms	1000
and Statistical Di	vision		Cattle	Sheep	Lambs	Pigs	Cattle	Sheep	Lambs	Pigs
Hobart (H)							11			15
Glenorchy (H)			10	44	167	11	92	454	16	192
Clarence (H)			1	630	371	9	131	3,693	377	8
Brighton (SE) (H)				2,130	512	7	103	5,835	1,284	116
Glamorgan (SE)			6	1,523	73	125	44	2,147	860	16
Green Ponds (SE)			10	1,361	226	14	41	3,650	1,360	22
Richmond (SE)			7	2,216	672	87	133	14,660	1,588	65
Sorell (SE) (H)			14	1,749	522	32	338	10,956	1,047	148
Spring Bay (SE)				1,206	42	2	41	2,124	327	12'
Bruny (S)			3	453	63	11	45	286	51	4
Esperance (S)			27	42	42	30	79	392	6	2'
Huon (S)			28	264	104	38	331	329	126	173
Kingborough (S) (H)			4	101	38	55	399	1,148	103	418
New Norfolk (S) (H)			10	2,412	564	24	217	3,884	746	37'
Port Cygnet (S)			21	243	162	17	149	470	145	109
Tasman (S)			35	446	464	5	103	693	130	74
Total Hobart Div. Total SE. Div.			16 36	1,697 9,460	931	86	645	8,263	959	860
Total S. Div			124	3,663	1,764 1,327	259 122	619 993	36,627 5,831	5,972 1,235	374 646
	• •	•		3,003	1,321	122		3,031	1,233	040
Launceston Total N. Central D	iv.						8 <b>8</b>	280,771		
				• •	• •	• •				•
Burnie			26	221	154	31	566	669	160	27
Circular Head Deloraine			32	500	480	71	1,918	805	252	904
			47	1,410	1,029	147	833	4,309	1,296	77
$egin{array}{lll} {\sf Devonport} & \ldots & $			7	138	185	19	145	526	288	5
TT' T 1 1			34 30	729 1,472	654 551	$\begin{array}{c} 80 \\ 27 \end{array}$	586	1,590	603	479
Latrobe			4	501	337	46	$\frac{614}{317}$	$\frac{3,029}{967}$	1,591 418	233
Penguin			28	494	273	59	387	459	302	378
Ulverstone			43	844	644	86	621	1,004	394	21
Wynyard			19	467	428	36	904	1,113	548	38
Total NW. Div.			270	6,776	4,735	602	6,891	14,471	5,852	3,79
Beaconsfield			13	548	130	27	325	1,227	340	16
Fingal			3	4,171	230	61	304	5,329	615	7:
Flinders			47	1,807	695	79	262	4,430	1,816	134
George Town			16	406	110	14	120	759	198	6
Lilydale			17	508	367	34	377	1,932	299	12
Portland			4	377	239	35	145	530	43	9
Ringarooma			17	1,442	658	77	680	2,557	413	61
Scottsdale Total NE. Div.			9	700	1,141	30	502	2,926	852	38
		• •	126	9,959	3,570	357	2,715	19,690	4,576	1,653
Evandale			2	2,344	316	25	132	3,367	720	3
Longford			7	5,817	1,154	79	316	9,496	3,921	103
St Leonards			11	1,326	544	19	125	1,904	402	50
Westbury			25	2,601	532	47	555	5,514	1,531	43.
Total N. Mid. Div.		• •	45	12,088	2,546	170	1,128	20,281	6,574	619
Bothwell			21	3,332	177	10	87	3,117	729	308
Campbell Town			5 9	4,115	$\begin{array}{c} 185 \\ 368 \end{array}$	55	164	6,131	1,062	:
Datlands			30	5,247 5,500	782	55 59	$\begin{array}{c} 244 \\ 245 \end{array}$	9,276	2,483	50
Ross			14	3,727	139		82	9,002 4,944	2,313 983	25
Total Mid. Div.			79	21,921	1,651	124	822	32,470	7,570	37
Total W. Div.			36			2	56	58		50
Total Tasmania			732	65,564	16,524	1,722	13,877	137,691	32,738	8,380

#### PASTORAL

### LIVESTOCK SLAUGHTERED (a) FOR HUMAN CONSUMPTION—SUMMARY

		Cattle and	d Calves		Shee	p and Lambs		
Year	Bulls, Bullocks and Steers	Cows and Heifers	Calves	Total	Sheep	Lambs	Total	Pigs
1946-47	 20,982	19,035	1,607	41,624	254,232	138,779	393,011	50,584
1947-48	 19,919	16,084	1,918	37,921	212,510	163,439	375,949	57,301
1948-49	 24,437	17,250	3,679	45,366	215,555	204,626	420,181	52,637
1949-50	 29,331	23,736	4,580	57,647	245,691	262,360	508,051	50,861
1950-51	 32,199	28,921	8,637	69,757	234.084	250,535	484,619	57,787
1951-52	 33,352	29,506	8,729	71,587	226,377	256,116	482,493	65,893
1952-53	 32,913	25,270	12,297	70,480	269,776	306,739	576,515	65,520
1953-54	 22,630	25,188	13,955	61,773	286,665	307,326	593,991	59,473
1954-55	 26,741	32,871	15,333	74,945	287,103	356,103	643,206	79,305
1955-56	 32,259	36,370	19.786	88,415	256.188	388,802	644,990	87,609
1956-57	 38,494	38,341	25,195	102,030	280,082	403,859	683,941	82,032
1957-58	 42,028	45,294	30,534	117,856	283,242	451,214	734,456	90,593
1958-59	 42,525	49,046	35,923	127,494	362,988	546,196	909,184	107,489
1959-60	 47,147	56,885	40,548	144,580	504,961	661,470	1,166,431	114,538
1960-61	 35,515	43,309	36.170	114.994	474.690	601,042	1,075,732	111,457
1961-62	 42,614	48,638	44,230	135,482	510,626	649,306	1,159,932	120,450
1962-63	 49,510	62,317	46,149	157,976	465,996	628,757	1,094,753	115,424
1963-64	 51,518	70,885	53,823	176,226	544,945	582,113	1,127,058	123,502
1964-65	 52,946	70,510	50,610	174,066	424,810	562,135	986,945	134,526
1965-66	 47,066	60,664	46,514	154,244	566,671	597,197	1,163,868	146,266
1966-67	 52,475	67,206	50,789	170,470	552,235	606,859	1,159,094	148,913

a) In all registered slaughtering establishments and on farms.

### PRODUCTION OF MEAT—SUMMARY

(Carcass Weight: Tons)

	В	Seef and Veal		Mu	atton and Lam	b		Total
Year	Beef	Veal	Total	Mutton	Lamb	Total	Pigmeat (a)	Carcass Meat
			0.105	4.004	0.160	7,162	2,603	17,962
1946-47	 8,125	72	8,197	4,994	2,168	6,906	3,177	18,153
1947 - 48	 7,993	77	8,070	4,251	2,655	7,574	2,968	20,335
1948-49	 9,639	154	9,793	4,319	3,255			20,333 $23,753$
1949-50	 12,105	166	12,271	4,819	4,107	8,926	2,556	25,100
1050 51	13,805	298	14,103	4,813	3,848	8,661	2,790	25,554
1950-51	 14,177	213	14,390	4,732	4,243	8,975	3,109	26,474
1951-52		308	13.842	5,654	5,002	10,656	3,126	27,62
1952-53	 13,534	287	11,003	6,004	5,069	11,073	2,693	24,76
1953-54	 10,716	347	13,670	6,050	5,851	11,901	3,429	29,00
1954–55	 13,323	941	15,070	0,000	0,001	11,001	3,===	
1955–56	14,894	522	15,416	5,177	6,601	11,778	3,635	30,82
	 17,314	602	17,916	5,720	6,887	12,607	3,348	33,87
1956–57	 19,325	715	20,040	5,604	7,617	13,221	4,216	37,47
1957–58	 19,579	826	20,405	7,326	9.077	16,403	4,911	41,71
1958–59	 22,253	892	23,145	10,105	10,675	20,780	5,352	49,27
1959-60	 22,200	032	20,110	10,100				
1960-61	16.129	765	16,894	9,363	9,562	18,925	5,057	40,87
	 18,778	896	19,674	10,066	10,163	20,229	5,428	45,33
1961-62	 22,711	983	23,694	9,462	9,924	19,386	5,461	48,54
1962-63	 24,593	1.316	25,909	10,926	9.153	20,079	5,927	51,91
1963-64		936	26,270	9,079	9,044	18,123	6,585	50,97
1964–65	 25,334	990	20,210	0,0.0	0,0-2			
1965–66	22,075	936	23,011	11,512	9,585	21,097	7,023	51,13
1965–66 1966–67	 23,743	952	24,695	11,232	9,670	20,902	7,164	52,76

<sup>(</sup>a) Includes pork for manufacture into bacon and ham.

#### 4. FARMYARD AND DAIRY

#### MILK UTILISATION AND PRODUCTION—SUMMARY

	Qu	antity of Milk used	for—	Total			ge Annual
Year	Butter Making (Factory)	Cheese Making (Factory) (a)	$\begin{array}{c} \text{Other} \\ \text{Purposes} \\ (b) \end{array}$	Milk Production	Dairy Cows at 31 March	Mi	lk per ry Cow (c)
	'000 gal	'000 gal	'000 gal	'000 gal	no.		gal
1946-47	 21,395	2,666	7,046	31,107	75,118		417
1947-48	 22,447	1,041	8,506	31,994	79,135		415
1948-49	 24,213	895	9,703	34,811	84,433		426
1949-50	 25,680	929	10,277	36,886	89,546		424
1950-51	 28,228	879	10,121	39,228	91,859		432
1951-52	 30,241	878	11,070	42,189	92,833		457
1952-53	 29,619	608	10,912	41,139	96,040		436
1953-54	 33,760	632	13,250	47,642	102,523		480
1954-55	 38,737	548	12,736	52,021	111,781		485
1955-56	 46,305	591	14,509	61,405	110,028		554
1956-57	 48,458	746	15,058	64,262	119,485		560
1957-58	 49,377	724	14,554	64,655	125,186		529
1958-59	 50,219	839	15,120	66,178	127,334		524
1959-60	 54,597	735	14,894	70,226	126,183		554
1960-61	 47,676	780	15,402	63,858	126,611		505
1961-62	 56,069	1,355	15,782	73,206	134,048		562
1962-63	 60,877	1,440	16,201	78,518	141,255		570
1963-64	 63,525	2,994	16,605	83,124	(d) 140,425	(e)	577
1964-65	 64,621	5,265	17,457	87,343	(d) 143,257	(e,),	589
1965-66	 65,092	6,592	16,206	87,890	(d) 148,452	(e)	578
1966-67	 66,520	8,411	16,636	91,567	(d) 149,148	(e)	591

- (a) Prior to 1953-54 includes milk used for making butter and cheese on farms.
  (b) Prior to 1953-54 excludes milk used for making butter and cheese on farms.
  (c) Average annual yields are based on the estimated number of dairy cows which were in milk at any part of the year. (The mean of the number of dairy cows at 31 March of the current year and at 31 March of the previous year are taken for this purpose.)

  Averages are therefore, lower than for cows which were yielding during the greater part of the year. The figures given should be treated as an index rather than an actual average quantity of milk produced per dairy cow.

  (d) 'House' cows evaluded as from 1963-64. See page 27.
- (d) 'House' cows excluded as from 1963-64. See page 27.

  (e) As a result of revised classifications of cattle adopted from 1963-64, the average annual yield per cow is not strictly comparable with the calculations made for previous years. See page 27.

#### PRODUCTION OF BACON AND HAM, BUTTER AND CHEESE—SUMMARY (Tons)

_	Year	Ва	icon and Ha	ım		Butter			Cheese	
	ı ear	Factories	Farms	Total	Factories	Farms	Total	Factories	Farms	Total
		(a)	(b)		(c)	(b)			(b)	73-44
1946-47		 1,142	49	1,191	4,191	412	4,603	1,070	93	1,163
1947-48		 1,275	42	1,317	4,441	388	4,829	447	12	459
1948-49		 1,077	45	1,122	4,821	388	5,209	404	6	410
1949-50		 948	43	991	5,069	456	5,525	418	3	421
1950-51		 916	30	946	5,710	363	6,073	412		412
1951-52		 798	31	829	6,169	337	6,506	408		408
1952-53		 845	41	886	6,059	31 <b>3</b>	6,372	265	1	266
1953-54		 916	33	949	7,263	270	7,533	293	1	294
1954-55		 992	35	1,027	8,334	236	8,570	274		274
1955-56		 1,007	33	1,040	9,962	252	10,214	331	2	333
1956-57		 1,026	27	1,053	10,426	238	10,664	333	12	345
957-58		 1,033	23	1,056	10,622	223	10,845	326	50	376
958-59		 1,103	23	1,126	10,805	196	11,001	345	36	381
959-60		 1,120	24	1,144	11,744	144	11,888	328	38	366
960-61		 1,100	20	1,120	10,258	127	10,385	348	45	393
961-62		 1,112	19	1,131	12,063	118	12,181	605	26	631
962-63		 1,165	17	1,182	13,097	96	13,193	643	27	670
963-64		 1,151	15	1,166	13,667	96	13,763	1,337	- Fi	1,337
964-65		 1,158	13	1,171	13,903	96	13,999	2,350	(d)	(e)2,350
965-66		 r 1,049	13	1,062	14,004	(d)	(e) 14,004	2,942	(d)	(e)2,942
966-67		 1,242	(d)	(e)1,242	14,311	(d)	(e) 14,311	3,762	(d)	(e)3,762

- (a) As from 1956-57 factory production includes production in certain establishments not defined as factories for statistical purposes.
- (b) Year ended 31 March.
- (c) Includes butter equivalent of butter oil.
- (d) Not available.
- (e) Excludes farm production.
- r Revised.

# PRODUCTION AND CONSUMPTION OF BUTTER (a)

	Year			Production		Exports (Overseas & Interstate)	Imports (Overseas & Interstate)	Local Con	nsumption $(c)$
			Factory	Farm	Total	(b)	,	Total	Per Person
			tons	tons	tons	tons	tons	tons	lb
957-58		 	10,622	223	10,845	5,845		4,703	31.7
958-59		 	10,805	196	11,001	6,956		4,300	28.4
959-60		 	11,744	144	11,888	7,741		4,612	29.7
960-61		 	10,258	127	10,385	5,336	35	4,685	30.0
961-62		 	12,063	118	12,181	7,457	·· ·	4,467	28.1
962-63		 	13,097	96	13,193	8,642		4,521	28.0
963-64		 	13,667	96	13,763	8,227		4,885	29.9
964-65		 	13,903	96	13,999	10,231		4,527	27.5
965-66		 	14,004	(d)	14,004	r 9,295		r = 4,390	r = 26.6
966-67		 	14,311	(d)	14,311	10,070		4,408	26.4

(a) Includes butter equivalent of butter oil.
(b) Includes butter content of commondities exported.
(c) Local consumption is assumed to equal the sum of local sales of factory butter (as advised by the Commonwealth Dairy Produce Equalisation Committee Ltd) and until 1964-65, production of farm butter, less the butter content of commodities exported.

(d) Not available.

Revised.

# BEE-FARMING (a)

#### **Summary**

			Nur	mber of Bee-Hiv	res	Honey	Produced	Beeswax	Produced
Year	30	Number of Apiarists	Productive	Un- productive	Total	Total Quantity	Average per Productive Hive	Total Quantity	Average per Productive Hive
						lb	lb	lb	lb
1957-58		183	4,439	1,660	6,099	480,909	108.3	5,387	1.21
1958-59		190	4,775	1,556	6,331	341,565	71.5	4,130	0.86
1959-60		187	5,001	1,884	6,885	296,215	59.2	3,891	0.78
1960-61		175	4,758	1,671	6,429	440,998	92.7	4,835	1.02
1961-62		164	4,875	1,776	6,651	278,572	57.1	3,784	0.78
1962-63		153	5,298	1.858	7,156	547,309	103.3	6,159	1.16
1963-64		160	5,647	1,614	7,261	632,076	111.9	6,274	1.11
964-65		202	6,247	2,126	8,373	715,255	114.5	10,077	1.61
965-66		229	6,702	2,603	9,305	629,973	94.0	8,030	1.20
1966-67		223	6,531	3,137	9,668	385,469	59.0	6,549	1.00

<sup>(</sup>a) Relates only to apiarists reporting possession of 5 or more hives.

# Queen Bees Purchased by Tasmanian Apiarists (a)

		Source					Seaso	on
							1965-66	1966-67
Within Australia	-New South Wale	s		 	 		195	186
	Victoria			 	 		54 52	16 6
	Queensland			 	 		61	140
	South Australia Western Austral		• •	 	 			
	Tasmania			 	 		388	359
	Total			 	 		750	707
)verseas	no mogorit			 	 		7	7
Total All Pur				 	 	-	757	714

<sup>(</sup>a) Apiarists with five or more hives.

#### NUMBER AND WEIGHT OF EACH TYPE OF POULTRY SLAUGHTERED (Includes only establishments slaughtering 100 or more birds of all kinds.)

						Live	Weight	Dressed	Weight (a)
	Y	ear			Number Slaughtered	Total	Average per Bird	Total	Average per Bird
			٧	-	'000	'000 lb	lb	'000 lb	lb
					Chickens (i.e.	Broilers, Fryers	and Roasters)		1
1964-65 1965-66 1966-67	-65					$\begin{array}{c} (b) \\ 1,910 \\ 2,691 \end{array}$	(b) 3.5 3.6	$^{(b)}_{1,310}_{1,969}$	(b) 2.4 2.6
						Hens and Stags			
1964-65 1965-66 1966-67					127 117 129	(b) 596 623	(b) 5.1 4.8	(b) 418 440	(b) 3.6 3.4
					Ducks and	Drakes, Turkey	s and Geese		
1964-65 1965-66 1966-67					27 21 35	(b) 182 230	( <i>b</i> ) 8.7 6.8	(b) 139 172	(b) 6.6 5.1

<sup>(</sup>a) Includes weight of whole birds, pieces and giblets. (b) Not available.

#### NUMBER AND WEIGHT OF POULTRY SLAUGHTERED ACCORDING TO SIZE OF SLAUGHTERING ESTABLISHMENT 1966-67

			kens (Inclu ilers, Fryer Roasters)		$_{ m He}$	ens and Sta	ags	Drakes,	s and Turkeys Geese	To	otal
	Number of Birds Slaughtered) (a)	Number	Dressed Wei		Number	Dressed Wei		Number	Dressed Carcass Weight	Number	Dressed Carcass
			Total	Average		Total	Average		weight		Weight
		'000	'000 lb	lb	,000	'000 lb	lb	,000	'000 lb	,000	'000 lb
100- 500		4	13	3.1	6	18	3.3	1	8	11	39
501-1,000		2	7	2.8	5	16	3.2	1	15	9	37
1,001- 1,500		2	7	2.9	4	14	3.2	2	18	9	39
1,501 - 2,000		1	2	2.5	3	11	3.3	2	18	5	30
2,001-3,000		6	17	3.0	9	31	3.4	2	6	17	54
3,001-5,000		4	9	2.1	1	2	3.0	3	10	8	20
5,001-10,000		9	23	2.5	7	20	3.1			16	43
10,001-20,000		31	91	3.0	13	52	4.0			44	143
Over 20,000		693	1,800	2.6	82	278	3.4	23	97	798	2,175
Total		753	1,969	2.6	129	440	3.4	35	172	917	2,581

<sup>(</sup>a) Fowls, ducks, turkeys and geese.

## NUMBER OF SLAUGHTERERS AND POULTRY SLAUGHTERED ACCORDING TO SIZE OF SLAUGHTERING ESTABLISHMENT—SUMMARY

							Poultry (a)	Slaughtered		
Size of Establishme (Number of E Slaughtered)	Birds	Numb	per of Slaugh	nterers		Number ('000)		Propo	al	
		1964-65	1965-66	1966-67	1964-65	1965-66	1966-67	1964-65	1965-66	1966-67
100- 500		45	40	48	10	10	11	1.5	1.4	1.2
501- 1,000		15	24	12	11	19	9	1.7	2.8	1.0
1,001 - 1,500		14	6	7	17	8	9	2.6	1.2	1.0
1,501 - 2,000		6	6	3	10	11	5	1.6	1.7	0.6
2,001 - 3,000		4	6	6	11	12	17	1.6	1.8	1.8
3,001- 5,000		5	4	2	19	17	8	2.9	2.6	0.9
5,001-10,000		8	2	2	56	13	16	8.5	1.8	1.7
10,001-20,000		2	2	3	25	24	44	3.8	3.5	4.8
Over 20,000		5	5	5	500	569	798	75.8	83.3	87.0
Total		104	95	88	660	683	917	100.0	100.0	100.0

<sup>(</sup>a) Fowls, ducks, turkeys and geese.

#### EGGS SET AND CHICKENS HATCHED

(Includes only farms setting 1,000 or more eggs for hatching.)

					196	5-66	190	66-67
	Descrip	tion			Number ('000)	Proportion of Total (%)	Number ('000)	Proportion of Total (%)
Eggs Set During Year	—Meat Strains Egg Strains			 	 953 1,067	47.2 52.8	1,227 761	61.7 38.3
	Total Egg	s Set		 	 2,020	100.0	1,988	100.0
Egg Production—	Meat Strains— Egg Strains (b)—	Unsexed -Crossbred -Pullets	l and	 	 $582 \\ 107 \\ 372 \\ 15 \\ 2 \\ 24 \\ 6$	52.5 9.7 33.6 1.3 0.2 2.2 0.5	833 72 273 14 2 31 6	67.7 5.8 22.2 1.1 0.2 2.5 0.5
	Total Chick	s Hatched		 	 1,108	100.0	1,231	100.0

(a) Excluding chicks destroyed.
(b) Egg strain chicks reported as 'unsexed' have been allocated equally between chicks for chicken meat and chicks for egg production.

# CHICKENS HATCHED ACCORDING TO SIZE OF HATCHERY, 1966-67 (a)

		Numl	ber of Chic	eks Hatch	ed and In	tended to	be Raised	l for		
		Claire	M	Egg Produc-		Bre	eding		Chicks	Hatched (c)
Size of Hatchery (Eggs Set)	Hatch- eries	Chicken Meat		tion	Meat Strains		Egg Strains			(0)
(Base see)	CHOS	Meat Strains Unsexed	Egg Strains, X'bred & Other Cockerels (b)	Pullets (b)	Pullets	Cock- erels	Pullets	Cock- erels	Total	As pro- portion of Eggs Set
	no.	,000	,000	,000	,000	,000	,000	,000	,000	% 50.2
1,000 and under 10,000	16	3	7	14			2	1	26	
10,000 and under 20,000		6	24	31	(d)	(d)	(d)	(d)	61	64.8
20,000 and under 50,000			36	65			12	2	115	50.1
50,000 and under 100,000		40	4	53			8	1	106	50.4
100,000 and over	3	783	2	111	14	2	9	1	923	65.9
Total	36	833	72	273	14	2	31	6	1,231	61.9

(a) In establishments which set 1,000 or more eggs (of both meat and egg strains).
(b) Egg strain chicks reported as 'unsexed' have been allocated equally between chicks for chicken meat and chicks for egg production.
(c) Excluding chicks destroyed.
(d) Less than half the unit shown.

# 5. FARM MACHINERY MACHINERY ON HOLDINGS IN LOCAL GOVERNMENT AREAS

AT 31 MARCH 1967

	Cultiv Equip					Har	vesting E	quipment			
	Rotary I Rotary	Hoes and Tillers	G	Mov	vers		Hay Rake				
Local Government	1 coury	2111015	Grain & Seed	1110 (	VC15	1	Tay Itako				
Area and Statistical Division	Self-Contained Power Unit Type	Tractor Mounted or Trailing Type	Headers, Strippers & Other Har- vesters	Power Drive	Ground Drive	Side Deliv- ery	Buck	Dump	Forage Har- vesters	Pick-up Balers	Potato Diggers
Hobart (H)	15 71 40 30 10 11 18 28 9 17 29 96 128 85 49 21 259 83 315	3 14 23 10 6 5 10 6 5 7 7 7 31 13 13 23 7 5 5 4 39	 8 28 17 12 19 17 7 1   8   21 87	2 12 41 72 22 25 57 70 26 14 29 103 53 68 67 45 136 235 335	5 7 5 5 9 10 11 1 3 8 7 3 15 7 5 23 37 41	1 3 23 40 13 16 30 41 15 11 6 33 26 27 21 8 71 134 109	4 10 15 6 10 12 9 1 1 12 10 17 5 4 35 43 38	 3 3 11 2 3 8 4   4 7 11 6 2 20 22 22	3 4 9 2 3 3 8 4 11 16 10 2 2 20 22 35	1 3 13 24 10 13 27 36 15 3 4 25 16 23 13 7 49 108	 16 55  22 21 11 14 48 83 99 22 33 111 111 26
Launceston	4 4			1 1		• •		1 1		1 1	
Burnie Circular Head Deloraine Devonport Kentish King Island Latrobe Penguin Ulverstone Wynyard Total NW. Div.	19 45 11 25 5 30 19 18 23 29 224	13 81 20 9 17 68 19 14 24 26 291	2 7 28 16 14  42 5 24 6	233 470 329 90 347 182 167 176 329 400 2,723	54 30 77 23 68 11 20 38 75 64 460	55 187 209 40 116 60 88 65 130 140 1,090	61 96 49 31 46 31 50 42 59 105 570	68 26 55 34 104 9 34 56 65 85	5 37 22 3 2 15 9 6 6 6 14 119	38 158 138 23 75 52 60 44 76 111 775	80 41 28 30 91  72 66 113 106 <b>627</b>
Beaconsfield Fingal Flinders George Town Lilydale Portland Ringarooma Scottsdale Total NE. Div.	60 12 12 16 35 10 8 16 169	36 7 28 9 14 4 23 44 165	8 26 2 6 7 2 14 16 81	161 75 76 43 117 39 186 170 867	34 15 7 15 27 10 18 19	75 46 30 33 63 14 97 86 444	33 7 14 4 31 5 41 23 158	22 12 4 9 24 7 30 23 131	6 3 6 1 8 1 15 7 47	46 40 32 17 42 12 81 51 321	13 7 2 10 50  41 66 189
Evandale Longford St Leonards Westbury Total N. Mid. Div.	14 32 18 31 95	13 11 7 21 52	35 81 14 66 196	66 197 75 259 <b>597</b>	5 21 11 39 <b>76</b>	44 145 38 178 405	11 29 12 46 98	17 29 15 46 107	5 14 3 11 33	31 107 30 122 <b>290</b>	1 6 7 17 31
Bothwell	7 9 33 17 5 71	9 13 9 	18 24 23 37 15 117	23 62 81 105 26 <b>297</b>	2 2 7 25 3 39	18 46 49 52 18 183	3 5 29 6 3 46	3 3 5 9 2 22	1 6 21 3 2 33	20 28 38 36 14 136	6 31
Total W. Div	1	1		2	2	2				1	
Total Tasmania	1,221	723	655	5,193	823	2,438	988	861	309	1,757	932

# MACHINERY ON HOLDINGS IN LOCAL GOVERNMENT AREAS AT 31 MARCH 1967—continued

	Sec	eding and	Planting	Equipme	ent			Oth	er Equipm	nent		
Local Government Area and	Grain	Drills	Fertilis tributo Broade	rs and	D	Shearing	0	TT	Spraying		Trac	ctors
Statistical Division	Combine Type	Other Types	Rotary	Direct Drop	Potato Plant- ers		Machines (Number of Stands)	Ham- mer Mills	Plants (Power Driven)	tion Plants (Power Driven)	Wheeled Type	Crawle Type
Hobart (H) Glenorchy (H) Clarence (H) Brighton (SE)(H) Glamorgan (SE) Green Ponds (SE) Richmond (SE) Sorell (SE)(H) Spring Bay (SE) Bruny (S) Esperance (S) K'borough (S)(H)	1 3 19 31 10 17 35 30 6 4 2 7	1 2 34 59 25 28 58 65 32 4 	5 14 51 69 30 43 74 84 41 27 84 198	13 15 5 12 26 17 1 8 4 16	2 2 2   2 	 4 71 109 109 106 161 125 98 21 7 26	4 17 33 55 2 4 54 99 6 37 29 120	1 6 10 3 3 6 13 1 	1 10 30 40 9 10 29 55 17 13 186 284	1 20 33 28 6 6 6 17 19 8 3 80 262	7 71 119 168 78 93 160 185 78 65 289 523	21 12 13 14 15 23 41 16 8 38 97
N.Norfolk (S)(H) Port Cygnet (S) Tasman (S) Hobart Div. SE. Div. S. Div.	21 2 51 110 37	26 2 4 79 231 36	78 110 57 166 307 565	13 6 2 38 67 49	1 1 4 2 5	87 22 40 167 642 198	115 112 78 214 195 520	6 4 2 19 32 24	34 188 39 128 135 800	140 152 17 182 73 657	256 292 146 526 671 1,599	46 49 19 107 111 272
Launceston N. Cent. Div.			1 1	30.1					1		4 4	
Burnie Circular Head Deloraine Devonport Kentish King Island Latrobe Penguin Ulverstone Wynyard NW. Div	62 100 103 30 57 13 80 50 92 101 688	103 130 205 43 162 20 94 93 159 199 1,208	76 252 212 47 137 200 109 73 110 180 1,396	139 202 98 39 154 17 57 95 185 224 1,210	16 9 3 15 28  37 21 32 28 189	17 49 211 26 55 144 69 25 79 41 716	855 2,981 1,391 222 1,200 651 478 686 1,035 1,744 11,243	12 46 59 8 31 8 23 11 35 35 268	84 221 109 68 94 42 102 70 111 165 1,066	91 65 59 38 88  82 84 147 155 809	340 750 573 183 498 337 329 270 505 589 4,374	27 57 58 26 19 18 23 52 34 314
Beaconsfield	30 25 13 14 19 5 54 54 214	62 37 18 30 55 4 48 75 329	191 73 90 59 101 32 87 107 740	59 9 16 11 65 6 45 69 280	1 2  2 8  6 15 34	89 188 195 45 73 32 83 139 844	370 157 96 120 382 188 966 594 2,873	12 14 4 1 9 2 45 35 122	165 22 28 32 52 7 85 63 454	52 10  7 24 7 53 41 194	451 174 183 127 282 65 303 308 1,893	2: 24 14 15 20 4 24 11 140
Evandale Longford St Leonards Westbury N. Mid. Div.	32 73 32 84 <b>221</b>	47 132 30 179 388	46 139 62 184 431	15 50 21 85 171	1  2 3	149 429 120 267 <b>965</b>	66 280 120 666 1,132	5 26 6 45 82	41 71 21 67 200	6 27 10 55 98	123 399 146 490 1,158	18 24 <b>66</b>
Bothwell Campbell Town Hamilton Oatlands	20 33 28 51 11 143	21 38 55 141 19 274	31 40 85 125 20 301	14 3 19 37 6 79	13 	141 208 209 355 113 1,026	4 15 112 95 11 237	1 6 8 6 2 23	9 32 39 30 12 122	11 13 96 11 4 135	89 124 214 318 62 807	24 8 45 30 10 117
Western Div.	1	1	2	2		1					10	2
Tasmania	1,465	2,546	3,909	1,896	250	4,559	16,414	570	2,906	2,148	11,042	1,129

# MACHINERY ON HOLDINGS AT 31 MARCH—SUMMARY

				vating pment				Harves	ting Equ	ipment			
	7	Tear		Hoes & Fillers (a)	Headers, Strippers								
	958	Self- con- tained	Tractor Mounted	and Other Grain	Mo	wers	H	Iay Rake	ès .	Forage Harvest-	Pick-up	Potato	
		Power Unit Type	$\begin{array}{c} \text{or} \\ \text{Trailing} \\ \text{Type} (b) \end{array}$	& Seed Harvest- ers	Power Drive	Ground Drive	Side Delivery	Buck	Dump	ers	Balers	Diggers	
1958			 1,122	513	528	5,590		3,942			58	940	1,146
1959			 1,134	525	699	3,639	2,000	1,650	923	1,448	69	1,025	1,139
1960 1961			 1,088	548	662	3,866	1,887	1,709	948	1,389	122	1,100	1,095
1962			 1,073 1,112	576 605	601 656	4,050 4,341	1,603 1,510	1,904 1,977	$984 \\ 1,027$	1,312 1,233	159 186	$1,232 \\ 1,346$	1,053 $1,020$
963			 1,127	610	687	4,592	1,324	2,121	1,005	1,161	216	1,405	995
964			 1,218	681	637	4,703	1,294	2,198	1,034	1,147	231	1,494	1,002
965			 1,270	680	717	4,940	1,176	2,336	1,017	1,060	241	1,599	951
1966 1967			 1,199 $1,221$	$\frac{626}{723}$	703 655	5,132 $5,193$	994 823	2,386 2,438	$\frac{1,022}{988}$	971 861	269 309	$\frac{1,661}{1,757}$	$950 \\ 932$

# MACHINERY ON HOLDINGS AT 31 MARCH—SUMMARY—continued

			Seedin	g and Pla	nting Eq	uipment			Oth	er Equipn	nent		
	7	Year	Grain Drills	Fertilis tributo Broado	rs and	Potato		Machines		Spraying	Irri- gation	Trac	tors
			(All	Dioadi	asiois	Planters	(Number of	(Number of	Hammer Mills	Plants (Power	Plants	Plants (Power Wheeled	
			Types)	Rotary	Direct Drop		Stands)	Stands)		Driven)	Driven)	Type	Crawler Type
1958			 3,832	4,4	88	(a)	3,535	9,969	202	(a)	851	7,395	974
1959			 3,871	2,989	1,778	(a)	3,798	10,721	225	2,017	862	7,838	968
1960			 3,840	3,060	1,851	196	3,899	11,051	227	2,056	937	8,395	997
			 3,867	3,151	1,945	206	4,052	11,704	261	2,217	1,089	8,641	974
1962			 3,899	3,225	1,947	210	4,113	12,220	301	2,351	1,280	9,035	962
1963			 3,884	3,338	1,917	214	4,249	12,701	343	2,462	1,330	9,605	1,022
1964 .			 4,002	3,455	1,970	204	4,371	13,382	415	2,742	1,865	9,831	1,073
1965 .			 4,036	3,657	1,978	215	4,493	13,806	440	2,902	1,836	10,250	1,129
1966 .			 4,036	3,841	1,925	239	4,652	15,894	512	3,065	2,034	10,856	1,091
1967 .			 4,011	3,909	1,896	250	4,559	16,414	570	2,906	2,148	11,042	1,129

# NUMBER OF HOLDINGS REPORTING ONE OR MORE OF EACH TYPE OF FARM MACHINERY, AT 31 MARCH

Type of Machinery		of Holdings orting	Type of Machinery		of Holdings orting
Type of Machinery	1966	1967	Type of machinery	1966	1967
Rotary Hoes and Tillers— Self Contained Power Unit Type Tractor Mounted or Trailing Type	1,094 623	1,093 686	Grain Drills—Combine Type Other Type Fertiliser Distributors and Broadcasters—	1,364 2,492	1,408 2,463
Headers, Strippers and Other Grain and Seed Harvesters  Mowers—Power Drive Ground Drive Hay Rakes—Side Delivery Buck Dump Forage Harvesters Pick-up Balers Potato Diggers  Fortage Strippers and Other Grain and Seed Harvesters Forage Harvesters Forage Harvesters Forage Harvesters	653 4,563 942 2,278 998 962 259 1,610 903	599 4,591 789 2,326 966 854 297 1,693 869	Rotary Direct Drop Potato Planters Shearing Machines Milking Machines Hammer Mills Spraying Plants Power Driven— Fruit Vegetables and Pasture Irrigation Plants, Power Driven	3,616 1,890 236 2,524 3,993 507 1,027 1,806 1,731	$ \begin{array}{c} 3,705 \\ 1,868 \\ 242 \\ 2,457 \\ 3,970 \\ 561 \end{array} $ $ \begin{array}{c} 2,670 \\ 1,840 \end{array} $
			Tractors—Wheeled	7,660 966	7,671 1,000

<sup>(</sup>a) Prior to 1964 only Rotary Hoes. (b) Tractor mounted type only prior to 1965.

# 6. MISCELLANEOUS RURAL

# ARTIFICAL FERTILISERS USED IN LOCAL GOVERNMENT AREAS, 1966-67

Local Government Area and	Used on V For H Consum	uman	Used or	a Fruit	Used on	Pastures	Used on O	ther Crops	Total U	sed for arposes
Statistical Division	Area	Quantity	Area	Quantity	Area	Quantity	Area	Quantity	Area	Quantity
	acres	ewt	acres	cwt	acres	cwt	acres	ewt	acres	ewt
Hobart (H)	31	280	7	31	30	77	32	78	99	466
Glenorchy (H)	234	2,022	198	1,062	1,712	2,824	222	469	2,365	6,377
Clarence (H)	190	1,623	333	1,027	12,486	20,161	1,947	3,287	14,955	26,098
Brighton (SE) (H)	121	495	88	267	24,938	36,628	6,666	11,184	31,812	48,574
Glamorgan (SE)	7	77	1	7	34,143	49,622	1,892	3,308	36,043	53,014
Green Ponds (SE)	21	73	14	79	23,950	36,348	2,477	4,550 7,479	26,461 36,288	41,050 56,096
Richmond (SE) Sorell (SE) (H)	119 13	904	146	33 714	31,231 31,564	47,680 56,285	4,931 4,627	8,084	36,349	65.132
Spring Bay (SE)	24	105	200	1,602	20,038	32,132	2,789	5,860	23,050	39,699
Bruny (S)	10	42	187	1,705	6,101	13,226	140	531	6,438	15,504
Esperance (S)	13	50	2,982	25,897	4,374	11,132	166	596	7,534	37,675
Huon (S)	93	651	5,156	42,439	13,765	32,772	406	2,043	19,420	77,905
Kingborough (S) (H)	88	671	2,341	17,653	9,090	17,164	293	1,532	11,812	37,020
New Norfolk (S) (H)	147	1,215	636	4,512	20,697	37,607	2,684	20,113	24,163	63,447
Port Cygnet (S)	11	123	3,238	26,748	7,598	16,369	83	364	10,929	43,604
Tasman (S)	10	50	811	5,368	6,736	12,906	441	909	7,997	19,233
Total Hobart Div.	609	5,004	2,108	13,322	36,737	61,990	6,147	13,738	45,599	94,054
Total SE. Div	266	1,592	434	2,608	152,195	238,986	19,939	35,141	172,833	278,327
Total S. Div	256	1,834	13,802	113,214	59,517	121,957	3,708	21,508	77,283	258,513
Launceston Total N. C. Div.	5 5	23 23		***************************************	119 <b>119</b>	119 119	15 15	28 28	139 <b>139</b>	170 <b>170</b>
Burnie	1,734	13,207	1	8	23,558	45,932	3,274	8,741	28,566	67,888
Circular Head	1,351	6,345	1	2	97,182	234,042	3,816	10,905	102,349	251,294
Deloraine	2,070	8,351		180.10	71,251	125,169	11,420	23,220	84,741	156,740
Devonport	1,492	9,222	544	2,625	7,750	13,199	1,620	3,845	11,406	28,891
Kentish	1,621	12,486	14	68	37,140	67,414	5,045	11,093	43,819	91,061
King Island	34	148	5	33	68,345	101,366	718	1,606	69,101	103,153
Latrobe	2,949	19,353	398	1,866	20,054	38,550	6,162	13,699	29,562	73,468
Penguin	1,876	13,993			16,988	32,942	2,645	6,704	21,508	53,639
Ulverstone	4,671	32,455	8	24	25,660	50,672	3,977	10,356	34,316	93,507 146,749
Wynyard Total NW. Div.	3,096 <b>20,894</b>	21,668 <b>137,228</b>	9 <b>72</b>	4, <b>64</b> 5	54,436 <b>422,361</b>	109,993 <b>819,279</b>	5,800 <b>44,473</b>	15,069 <b>105,238</b>	63,333 <b>488,699</b>	1,066,390
Beaconsfield	131	1,039	2,568	8,487	31,733	63,872	1,664	3,832	36,095	77,230
Fingal	53	247	12	43	66,261	99,645	8,148	17,109	74,473	117,044
Flinders	3	20			70,938	122,891	823	1,533	71,764	124,444 36,024
George Town	160	885	376	1,733	15,913	29,753	1,920	3,653 $5,242$	18,368 28,314	54.594
Lilydale	579	3,596	479	1,698	24,583	44,058 18,041	2,673 783	1,968	14,058	20,061
Portland	2	50	1		13,273 48,705	87,554	8,257	17,672	58.019	111,801
Ringarooma Scottsdale	1,057 1,280	6,575 10,119	38	102	60,869	113,532	2,139	5,675	64,325	129,428
Total NE. Div	3,265	22,531	3,473	12,065	332,273	579,346	26,405	56,684	365,415	670,626
Evandale	33	279			27,938	43,473	6,383	10,990	34,354	54,742
Longford	196	620	4	28	103,789	146,148	19,363	33,053	123,351	179,849
St. Leonards	155	809	1	4	20,838	34,955	2,602	4,947	23,595	40,715
Westbury	2,497	7,790	3	20	62,472	95,322	12,642	22,336	77,613	125,468
Total N. Mid. Div.	2,880	9,498	8	52	215,036	319,898	40,990	71,326	258,912	400,774
Bothwell	5	20			49,304	64,147	4,134	7,121	53,443	71,288
Campbell Town				1.000	72,553	112,623	10,336	18,488	82,888	131,111
Hamilton	26	130	188	1,380	85,118	118,899	6,941	16,472	92,272 133,752	136,881 207,305
Oatlands	521	2,486			120,614	181,682 66,457	12,617 6,011	23,137	46,569	77,616
Ross Total Mid. Div.	552	2,636	188	1,380	40,558 <b>368,147</b>	543,808	40,038	76,377	408,924	624,201
Total W. Div	7	34			1,495	1,952	19	72	1,521	2,058
Total Tasmania	28,733	180,380	20,985	147,286	1,587,880	2,687,335	181,726	380,112	1,819,324	3,395,113

## ARTIFICIAL FERTILISERS USED—SUMMARY

Pe	articulars	Mala	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67
Vegetables (a)—								
Area Fertilised		acres	47,771	25,625	25,143	25,879	30,257	28,733
Fertiliser Used—								
rerunser Used—	0.1	cwt	138,410	109,025	101,532	104,925	134,367	125,411
	Other	cwt	25,460	32,659	30,616	37,093	57,820	54,969
	Total	cwt	163,870	141,684	132,148	142,018	192,187	180,380
	Per Acre	cwt	3.43	5.53	5.26	5.49	6.35	6.28
Fruit—							100	
Area Fertilised		acres	18,671	20,070	21,071	20,672	21,010	20,985
Fertiliser Used—	Superphosphate	cwt	14,867	16,038	13,824	13,100	15,773	14,288
	Other	cwt	82,421	117,132	135,372	129,379	137,813	132,998
	Total	cwt	97,288	133,170	149,196	142,479	153,586	147,286
	Per Acre	cwt	5.21	6.64	7.08	6.89	7.31	7.02
Pasture—				0.01		0.00	1.02	
Area Fertilised		acres	1,154,422	1,165,346	1,290,980	1.379,765	1,475,386	1,587,880
Fertiliser Used—		cwt	1,718,475	1,838,274	2,058,597	2,215,734	2,426,597	2.564,102
	Other	cwt	48,695	66,605	105,906	109,625	118,027	123,233
	Total	cwt	1,767,170	1,904,879	2,164,503	2,235,359	2,544,624	2,687,335
	70 4	cwt	1.53	1,904,879	, ,	1.62	1.72	
Wheat-	Per Acre	CWL	1.00	1.03	1.68	1.02	1.72	1.69
Area Fertilised			10 000	15 010	10.000	17 001	17 197	10.041
	· · · · · · · · · · · · · · · · · · ·		16,363	15,913	18,692	17,861	15,135	13,641
Fertiliser Used—	0.1	cwt	27,214	25,745	31,434	29,245	24,662	23,053
	Other	cwt	365	595	490	592	945	1,400
	Total	cwt	27,579	26,340	31,924	29,837	25,607	24,453
	Per Acre	cwt	1.69	1.66	1.71	1.67	1.69	1.79
Other Cereals—								edoil latel
Area Fertilised			82,242	102,191	114,597	106,870	118,039	112,773
Fertiliser Used—		cwt	142,314	170,712	210,720	186,732	212,872	205,303
	Other	cwt	2,550	6,302	3,437	4,100	4,984	9,549
	Total	cwt	144,864	177,014	214,157	190,832	217,856	214,852
	Per Acre	ewt	1.76	1.73	1.87	1.79	1.85	1.91
Other Crops—								
Area Fertilised		acres	11,331	41,584	55,268	47.150	50,963	55,312
Fertiliser Used—	Superphosphate	cwt	23,336	76,271	108,625	89,689	116,322	110,481
	Other	cwt	31,584	31.077	29,557	22,979	28,315	30,326
	Total	cwt	54.920	107,348	138,182	112,668	144,637	140,807
	Per Acre	cwt	4.85	2.58	2.50	2.39	2.84	2.55
Total Crops and Pa		CWU	1.00	2.00	2.00	2.00	2.01	2.00
Area Fertilised		acres	1.330.800	1.370,729	1,525,751	1,598,197	1,710,790	1,819,324
Fertiliser Used—		cwt	2,064,616	2,236,065	2,524,732	2,549,425	2,930,593	3,042,638
	0.1							
		cwt	191,075	254,370	305,378	303,768	347,904	352,475
	Total	cwt	2,255,691	2,490,435	2,830,110	2,853,193	3,278,497	3,395,113

a) From 1962-63, item refers to vegetables for human consumption only, those for animal fodder being included in 'Other Crops'

## AERIAL AGRICULTURE

Period			Area Treated		Materials	Used	Aircraft Utilisation
		Topdressed & Seeded	Sprayed	Total	Super- phosphate	Seed	(Flying Time)
		'000 acres	'000 acres	'000 acres	tons	'000 lb	hours
Year ended 31 March 1963	 	86		86	5,695	4	1,081
,, ,, ,, ,, 1964	 	69	19	88	5,805	31	1,295
,, ,, ,, 1965	 	215	1	215	17,057	40	2,798
,, ,, ,, 1966	 	193	24	217	13,628		2,720
,, ,, ,, 1967	 	(a)	19	(a)	22,009	(a)	(a)
uarter ended September 1966	 	8	2	10	704	1	138
" December "	 	81		81	7,456		924
" " " March 1967	 	(a)		(a)	10,669	(a)	(a)
" " June "	 	(a)	(a)	(a)	(a)	(a)	(a)
" September "	 	(a)	(a)	(a)	(a)		(a)

<sup>(</sup>a) Not available for publication.

# MALE FARM WORKERS (a) IN STATISTICAL DIVISIONS AT 31 MARCH

					Males	Working Permanen	tly Full-time on Ho	ldings	Males Working Temporarily or
Statist an	cical Dand Yea		n	Rural Holdings 1 Acre and Over	Owners, Lessees or Share Farmers	or Share Farmers	Employees includ- ing Managers and Relatives Work- ing for Wages or Salary	Total Working Permanently on Holdings	Holdings on Wages or Contract
					Year 19	67 by Statistical l	Divisions		
				755	397	1	189	587	379
South Eas				728	445		270	715	240
Southern				1,546	1,061	1	965	2,027	1,661
North Cer				12	7		18	25	1 990
orth We				4,140	3,272		863 661	4,135 $1,856$	$1,338 \\ 567$
North Eas North Mic	11 1			1,761	1,193 673	2	517	1,850	$\begin{array}{c} 367 \\ 272 \end{array}$
vorth Mic Iidland		• •		967 716	512		616	1,191	314
Vestern				16	4		2	6	2
Total	ı			10,641	7,564	5	4,101	11,670	4,773
	110					Summary			(a) Sergyol da (a) sassus Tambi (b) tambi
1958				11,389	8,524	130	4,694	13,348	5,896
959				11,374	7,806	248	4,472	12,526	5,273
960				11,202	7,888	197	4,457	12,542	5,196
961				11,201	7,615	189	4,293	12,097	5,300
962				11,117	7,614	93	1,090	11,797	5,332
963				10,974	7,457	111	4,053	11,621	5,139
964				10,949	7,685	40	4,038	11,763	5,733
965				10,979	7,651	20	4,075	11,746	5,993
966				10,777	7,450	6	4,073	11,529	5,715
1967				10,641	7,564	5	4,101	11,670	4,773

<sup>(</sup>a) Details of female farm workers not available.

# HAY AND SILAGE: PRODUCTION AND STOCKS Season 1966-67 by Statistical Divisions

(Tons)

Item	Hobart	South Eastern	South- ern	North Central	North Western	North Eastern	North Midland	Midland	Western	Total
Production, Season ended 31  March 1967—  Hay	12,541 1,630	24,755 3,947	13,023 5,049	126	214,209 44,132	78,172 15,006	67,177 8,040	26,564 9,237	340	436,907 87,041
1967— Hay	7,420 1,196	15,574 3,335	11,205 3,964	50	195,426 30,784	75,288 9,530	69,219 8,804	25,413 10,851	296	399,891 68,464

# Summary

					(Tons)		
		2.000	1	I	Hay	Sila	age
Se	eason E 31 Ma			Production	Farm Stocks at 31 March	Production	Farm Stocks at 31 March
1958				204,775	256,199	52,125	52,263
959				302,075	311,825	63,974	62,758
960				221,227	255,471	46,933	50,671
961				$325,974 \\ 285,390$	327,696 305,108	$72,344 \\ 77,781$	46,570 60,157
962				200,000	000,200		
963				313,004	333,650	68,117	61,110
964				$249,\!176$	276,650	43,760	43,554
965				364,356	414,415	54,438 $52,802$	49,668 43,461
966				257,237	296,196 399,891	87,041	68,464
967				436,907	399,891	07,041	00,404

# AREA OF CROPS AND PASTURE IRRIGATED IN LOCAL GOVERNMENT AREAS, 1966-67

(Acres)

Local Government A	lang and			Cro	ps				
Statistical Divis		Hops	Green Fodder	Fruit	Potatoes	Other Vegetables	Other Crops	Pasture	Total
Hobart (H)							2		2
Glenorchy (H)			4	46	16	140	4	50	259
Clarence (H)			10	99	8	30		20	166
Brighton (SE) (H)			64		7	82	30	180	363
Glamorgan (SE)								77	7
Green Ponds (SE)			2					2	4
Richmond (SE)			· <u>·</u>	2	1	11	12	67	9
Sorell (SE) (H)			7	1	2			44	5
Spring Bay (SE) Bruny (S)				200				31	23
7 (0)				756	i			58 13	5 77
Esperance (S) Huon (S)		(-)	34	3,002	25	7	129	1,144	4,34
Kingborough (S) (H)		( )	22	985	20	30	76	349	1.48
New Norfolk (S) (H)		1 096	129	218	28	83	30	1,737	3,26
Port Cygnet (S)				1,694	3		6	154	1,85
Tasman (S)		. (a)		354			10	11	37
Total Hobart Div.		. 244	55	826	44	252	18	616	2,05
Total SE. Div.			43	202	9	64	32	365	710
Total S. Div		. 971	173	6,330	57	67	70	2,954	10,622
Launceston Total N. Cent. Div.						5 5	4 4		
10001111 001101 2111				• •	• •		-	• •	
Burnie			230	1	541	172	36	181	1,15
Circular Head			76		69	236	40	608	1,02
Deloraine			596		2	1,157	19	612	2,38
Devonport			104	202	228	348	8	234	1,12
Kentish			363		440	468	93	596	1,959
King Island									
Latrobe			568	137	438	939	53	683	2,81
Penguin Ilverstone			321 395	1	$\frac{429}{871}$	504	50	166	1,47
Wynyard			655	ï	603	1,643	84 147	591 1.094	3,583 3,163
Total NW. Div.			3,306	341	3,620	6,130	530	4,764	18,690
Beaconsfield			3	466	7	79	1	341	898
Fingal			17			1	20	124	162
Flinders					73.330				
eorge Town			29	41	7	24		5	10
ilydale			26	38	24	127	24	175	413
Portland Ringarooma			11	1 1	199	2	::	180	194
Scottsdale		99	188 345	3	133 179	454 542	44	682	1,502
Total NE. Div.		22	619	549	350	1,228	89	439 <b>1,946</b>	1,531 <b>4,80</b> 4
Evandale			13			30			4:
Longford			278	3	3	37	27	868	1,216
t Leonards			23			60		110	193
Vestbury			545		6	1,004	126	511	2,192
Total N. Mid. Div.		• •	859	3	9	1,131	153	1,489	3,64
othwell			26			1		1,279	1,30
ampbell Town			55	27		*:		174	229
Iamilton			282	37	3 6	1	25	3,665	4,269
Ross			1			• •		$\frac{130}{730}$	152
Total Mid. Div.		257	379	37	9	2	25	5,978	73 6,68
Total W. Div.					2				-
Total Tasmania		1 405	5 422	8 297	1 100	9 970	020	10 111	47 00
Total Tasiliallia		1,495	5,433	8,287	4,100	8,879	920	18,111	47,22

<sup>(</sup>a) Not available for publication: included in 'Other Crops'.

# AREA OF CROPS AND PASTURE IRRIGATED—SUMMARY

(Acres)

						(	Crop	08096			
2000	Year			Hops	Green Fodder	Fruit	Potatoes	Other Vegetables	Other Crops	Pasture	Total
1957-58				 1,381	620	1,833	552	737	882	9,316	15,321
1958-59				 1,292	782	1,737	471	915	732	7,502	13,431
1959-60				 1,311	1,286	2,350	467	768	587	11,339	18,108
1960-61				 1,364	1,177	3,311	863	1,240	610	10,369	18,934
1961-62				 1,447	1,589	3,930	1,374	2,014	1,122	11,713	23,189
1962-63				 1,465	2,043	4,446	1,688	2,412	796	11,435	24,285
1963-64				 1,463	2,703	5,933	1,984	4,335	1,459	15,693	33,570
1964-65				 1,553	2,583	5,955	2,246	6,056	1,735	14,194	34,322
1965-66				 1,524	3,948	7,241	4,216	8,778	1,838	17,651	45,196
1966-67				 1,495	5,433	8,287	4,100	8,879	920	18,111	47,225

# NUMBER OF HOLDINGS GROWING PRINCIPAL CROPS OR CARRYING LIVESTOCK Season 1966-67 by Statistical Divisions

Pa	rticula	ars	Hobart	South Eastern	South- ern	North Central	North Western	North Eastern	North Midland	Midland	Western	Total
Holdings—												
Growing—			8.0				0 1 81			(10)	nikegimī	
Grain (a) Barley			28	75	5		137	24	95	19		383
Oats			 22	69	6		38	25	181	124		465
Wheat			 10	46	4		19	5	50	60		194
Hops			 21		43			3		39		106
Vegetabl												
Potatoes			 73	71	80		1,046	177	24	107	4	1,582
Fruit (b)-	_											
Orchard			 155	36	818		65	182	3	1		1,260
Small Fr	uit		 120	11	218		4	3		37		393
Carrying—							0 =0 =	7 450	==0	700	15	0 500
Cattle			 463	496	1,107	4	3,735	1,476	776	526	15	8,598
Sheep			 251	615	384	5	1,591	948	774	652	4	5,224
Pigs			 102	106	186		1,455	562	238	97	3	2,749

# Summary

Particulars	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67
Holdings—		0.10		878,88	100.3					
Growing—				678,00						
Grain $(a)$ —		7.30		776,28	000	0.10	00=	255	940	000
Barley	136	167	209	270	323	340	227	255	348	383
Oats	295	302	321	304	367	474	398	387	341	465
Wheat	95	104	141	121	222	243	251	255	213	194
Hops	96	97	99	103	104	106	108	109	107	106
Vegetables (b)—										
Potatoes	3,151	2,541	2,425	1,888	2,156	2,188	1,741	1,605	1,963	1,582
Fruit (b)—										1,260
Orchard	1,631	1,561	1,520	1,461	1,382	1,383	1,358	1,317	1,305	
Small Fruit	622	616	610	553	533	526	528	474	418	393
Carrying—										
0 111	9,424	9,342	9,031	8,868	8,825	8,671	8,547	8,384	8,667	8,598
	5,753	5,926	5,950	5,764	5,675	5,415	5,255	5,114	5,276	5,224
Sheep Pigs	3,799	3,950	3,681	3,599	3,593	3,350	3,304	3,315	3,153	2,749

<sup>(</sup>a) Twenty acres and over.

<sup>(</sup>b) One acre and over.

## NUMBER OF HOLDINGS USING ARTIFICIAL FERTILISER, LIME, ETC. OR IRRIGATING CROPS AND PASTURE

## Season 1966-67 by Statistical Divisions

Particulars	Hobart	South Eastern	South- ern	North Central	North Western	North Eastern	North Midland	Midland	Western	Total
Holdings Using Artificial Fertiliser on—	7.87				050	(86.F				enerne
Wheat	27	92	9	87.4	112	20	102	89		451
Other Cereals	110	265	75	1	1,366	327	472	294	1	2,911
Vegetables (incl. Potatoes)	139	82	109	1	1,371	244	112	110	3	2,171
Fruit	241	44	958	160,8	61	171	6	31		1,512
Other Crops	56	80	98	2	1,374	324	295	202	2	2,433
Pasture	338	494	850	1	3,290	1,298	757	530	8	7,566
Total Using Artificial	221	700	1 000	7.8.6	0.010	1 105	00.7	~~~		0.000
Fertiliser (a)	554	566	1,326	4	3,612	1,435	805	588	9	8,899
Holdings Using Lime, Dolomite or Gypsum on—		20	100		F-0.0	104	0.0	1.5		070
Pastures		20	120		586	184	26	15	1	979
tables, etc.)	23	5	329	2	333	84	12	7		795
Holdings Irrigating—	HEALT			100000		0910 81	MAIGH	1130 9		
Potatoes	33	7	25		364	47	3	4	1	484
Other Vegetables	58	6	12	1	348	72	30	2		529
Fruit	83	3	456		19	41	1	12		615
Green Fodder	6	4	20		270	31	33	18		382
Hops	18	43				3		38		102
Other Crops	8	2	13	1	49	9	10	1	stock of	93
Pastures	10	22	133		271	83	48	51		654
Total Irrigating (a)	181	35	569	2	765	183	83	99	1	1,918

<sup>(</sup>a) Components need not add to the total, since any one holding may report more than one of the items shown.

# ARTIFICIAL BREEDING: COMMERCIAL AND INFERTILITY SERVICES (a)

	6		Cows Served		084	Non-Return Rate for	Total Number of Dairy	Proportion of Dairy Cows
Year		Commercial Service	Infertility Service (b)	Total Cows	Total Inseminations	Commercial Service (c) (Per Cent)	Cows on Rural Holdings at 31 March (d)	Inseminated (e) (Per Cent)
1958-59		2,173	2,084	4,257	N.A.	58.8	127,334	3.3
1959-60		5,239	3,910	9,149	15,003	57.9	126,183	7.3
1960-61		8,144	7,457	15,601	24,378	61.2	126,611	12.3
1961-62		10,008	9,527	19,535	30,674	61.5	134,048	14.6
1962-63		10,879	11,422	22,301	34,077	64.7	141,255	15.8
1963-64		14,427	9,765	24,192	38,029	61.2	140,425	17.2
1964-65		17,430	6,464	23,894	36,847	62.5	143,257	16.7
1965-66		27,152	2,010	29,162	46,106	61.4	148,452	19.6
1966-67		29,034	2,298	31,332	47,148	66.1	149,148	21.0

<sup>(</sup>a) Compiled from annual reports of the Artificial Breeding Board.
(b) Includes cows inseminated in Department of Agriculture's research programme.
(c) Percentage of cows not returning for further service within the 90-120 days following first service.
(d) As from 1964 excludes 'house cows'.
(e) Total number of cows served during year ended June expressed as a percentage of total dairy cows population at 31 March.

## HOLDINGS CLASSIFIED ACCORDING TO AREA OF HOLDING AND SIZE OF HERD OR FLOCK AT 31 MARCH 1966 (a)

## Cattle (Milk Production) (b)

Area of					Н	oldings	accordin	ng to Siz	e of Cat	tle Hero	d (Numl	oers)					Holdings With No	
Holding (Acres)	$\begin{array}{c} 1 \\ to \\ 4 \end{array}$	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 to 99	100 to 149	150 to 199	200 and Over	Total	Cattle (Milk Prod'n)	All Holdings
1- 49 50- 99 100- 499 500- 999 1,000-4,999 5,000 & over	195 99 179 46 41 16	165 83 149 30 22 4	87 82 120 23 11 3	65 70 128 13 7	43 153 256 27 19 1	3 115 298 18 10 2	1 85 300 31 12 2	1 48 292 22 9 1	25 289 23 12 2	7 234 25 6	2 208 32 10	1 161 21 6 2	2 283 74 33 2	62 34 9 2	9 22 22 22	560 772 2,968 441 229 38	1,805 853 1,802 505 616 188	2,365 1,625 4,770 946 845 226
Total	576	453	326	283	499	446	431	373	351	272	252	191	394	107	54	5,008	5,769	10,777

# Cattle (Meat Production) (b)

Amon of					Holding	gs accord	ing to Siz	e of Catt	le Herd (	Numbers	)	. Test			Holdings With No	
Area of Holding (Acres)	to 9	10 to 19	20 to 29	30 to 49	50 to 69	70 to 99	100 to 149	150 to 199	200 to 299	300 to 499	500 to 999	1,000 to 1,999	2,000 to 4,999	Total	Cattle (Meat Prod'n)	All Holdings
1- 99 100- 199 200- 299 300- 499 500- 999 1,000- 4,999 5,000- 9,999 10,000-19,999 20,000-49,999 50,000 & over	1,244 833 455 324 203 112 6 4	262 251 152 136 108 62 3	95 141 90 103 80 54 6 1	58 134 117 100 100 81 8 3	15 56 63 65 61 64 6 4	6 33 35 54 60 82 13 4	2 10 19 42 55 73 16 6	3 11 25 54 11 9	8 17 43 13 12 1	 2 5 25 15 11 5 1	   14 5 5 10	    5 1 4 2	:: :: :: :: :: :: ::	1,682 1,459 934 845 714 664 107 61 222 5	2,308 881 367 284 232 181 23 6 2	3,990 2,340 1,301 1,129 946 845 130 67 24 5
Total	3,181	974	570	602	334	288	223	113	94	65	35	12	2	6,493	4,284	10,777

## Sheep

A ==== = E					Ho	oldings a	accordin	g to Siz	e of She	ep Flocl	k (Numb	ers)					Holdings With	Total
Area of Holding (Acres)	1 to 49	50 to 99	100 to 199	200 to 299	300 to 399	400 to 499	500 to 69 <b>9</b>	700 to 999	1,000 to 1,399	1,400 to 1,999	2,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 to 49,999	Total	No Sheep	All Holdings
1- 99 100- 199 200- 299 300- 499 500- 999 1,000- 4,999 5,000- 9,999 10,000-19,999 20,000-49,999 50,000 & over	686 306 129 104 47 20 1	223 162 83 48 31 12 	155 225 141 104 49 33 2 	44 137 109 100 53 33 2  1	6 82 50 68 55 46 1 	3 35 54 61 51 28 2 	1 28 83 98 72 57 6 1 	1 9 31 84 90 84 6 3 	1 6 65 94 87 11 2	24 100 102 13 	1  4 71 122 14 9 	12 101 28 16 2	1 56 32 25 4 1	5 10 12 3	    3 1	1,119 985 687 760 726 781 123 66 24 5	2,871 1,355 614 369 220 64 7 1  5,501	3,990 2,340 1,301 1,129 946 845 130 67 24 5

# Pigs

				Holdin	gs accordi	ng to Size	of Pig He	rd (Numbe	ers)				Holdings With	Total
Area of Holding (Acres)	to 4	5 to 9	10 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 69	70 to 99	100 to 199	200 and over	Total	No Pigs	All Holdings
1- 49 50- 99 100- 499 500- 999 1,000-4,999 5,000 and over	181 138 313 47 47 10	46 87 213 18 8 2	43 69 205 19 17	18 61 170 21 8 1	28 56 255 28 16 3	13 27 176 28 13 2	11 19 157 23 9 3	10 16 172 26 8 1	4 11 111 30 12 2	3 74 14 15 1	1 4 12 7 6 1	358 491 1,858 261 159 26	2,007 1,134 2,912 685 686 200	2,365 1,625 4,770 946 845 226
Total	736	374	353	279	386	259	222	233	170	110	31	3,153	7,624	10,777

<sup>(</sup>a) Not available for every year; this classification is carried out at irregular intervals.
(b) These classifications are not comparable with 1960 classifications due to change in wording of cattle section of farm census schedule as from 1964. See notes on page 27.

### 7. NON-RURAL

## CLASSIFICATION OF FOREST AREAS AT 30 JUNE 1967

Classification	Crown Land	Private Land	Total
Forest Area— Exploitable (a)—Hardwood	acres 2,653,100	acres 1,124,900	acres 3,778,000
Softwood	6,779	3,534	10,313
Mixed Wood			
Total	2,659,879	1,128,434	3,788,313
Potentially Exploitable (a)—Hardwood	2,076,644 $20,080$	424,236 7,510	2,500,880 27,590
Mixed Wood	20,000		2.,500
Total	2,096,724	431,746	2,528,470
Other Areas Classified as Forest	944,256	516,864	1,461,120
Total Forest Area (Estimated)	5,700,859	2,077,044	7,777,903
Forest Area Under Reservation $(b)$ — State Forest (land permanently dedicated to timber production) Timber Reserves (land reserved for timber supply, including fuel) Other Forested Reserves $(c)$	$2,520,427 \\ 248,009 \\ 1,155,748$		2,520,427 $248,009$ $1,155,748$
Total Forest Area Under Reservation	3,924,184	111	3,924,184
Net Area (d) of Plantations (b)—			
Softwoods	$26,859 \\ 934$	11,044	$37,903 \\ 934$
Total	27,793	11.044	38,837

(d) Excludes firebreaks and other areas not actually forested.

#### FOREST PRODUCTS—SUMMARY

Product	Unit	1962-63	1963-64	1964-65	1965-66	1966-67
Γimber—						
Logs for Sawing, Peeling, Slicing or Pulping—						
Forest Hardwoods	 '000 sup ft (a)	567,900	625,464	645,720	667,860	690,354
Indigenous Forest 'Pines'	 '000 sup ft (a)	2,520	3,288	2,820	3,480	3,939
Plantation Grown 'Pines'	 '000 sup ft (a)	13,764	20,400	20,952	25,380	23,615
Total Logs—Quantity	 '000 sup ft (a)	584,184	629,152	669,492	696,708	717,908
Value	 \$'000	10,724	11,459	12,431	13,105	13,109
Hewn and Other Timber—Quantity (b)	 '000 sup ft (a)	34,560	29,640	28,764	29,856	32,356
$\overline{\mathrm{Value}}$ $(c)$	 \$'000	2,384	2,227	2,883	2,882	3,494
Other Forest Products—						
Tanning Bark	 tons	300	207	187	45	208
Value of Other Forest Products	 \$'000	18	13	12	3	25
Total Value of All Forest Products	 \$'000	13,126	13,699	15,326	15,990	16,627

<sup>(</sup>a) Log measure is true volume, not hoppus.

#### EMPLOYMENT IN THE FORESTRY DEPARTMENT AT 30 JUNE

Clas	sificatio	n		1963	1964	1965	1966	1967
Professional Staff— Foresters Others Non-professional Field Extraction (a)	Staff		 	32 3 96 88	33 6 94 85 20	34 7 96 96 20	34 11 117 94 15	35 6 120 88 6
Milling $(b)$ Labour $(c)$			 	341	379	435	384	360
Total			 	560	617	688	655	615

<sup>(</sup>a) Felling and carting, etc.

<sup>(</sup>a) These statistics not comparable with previous years. See page 5.
(b) Included in Total Forest Area above.
(c) All other forested reserves under Government or Semi-Government control, e.g. Flora, Fauna and Scenic Reserves, National Parks, etc.

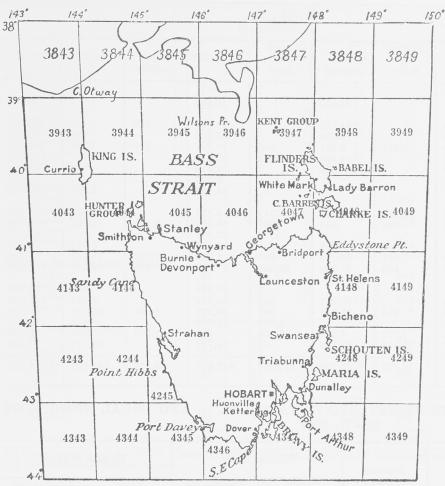
<sup>(</sup>b) From Crown land only. Includes firewood. Production of hewn and other timber and firewood from private land is not available.
(c) Includes an estimate of the value of hewn and other timber and firewood taken from private land.

<sup>(</sup>b) Sawing, peeling, slicing or pulping.

<sup>(</sup>c) Silvicultural works, forest roads, bridges, etc.

#### FISHERIES—BLOCK AND ESTUARY NUMBERS

#### **BLOCK NUMBERS**



#### **ESTUARY NUMBERS**

Estu	ary		N	umber
D'Entrecasteaux (	Chan	nel		9601
Tamar River				9602
Oyster Bay				9603
Norfolk Bay (incl. Bay and Pittwa	Fred ater)	lerick F	Ienry	9604
Port Sorell				9605
George Bay				9606
Macquarie Harbou	ır			9607

#### NOTES

Information relating to sea fisheries is derived from (i) monthly eatch and effort returns and (ii) annual boat registrations returns submitted to the Fisheries Division of the Department of Agriculture and processed by the Bureau of Census and Statistics.

Details shown relate to fish, crustaceans and molluscs *landed* at Tasmanian ports irrespective of the waters in which they were caught.

Catch is shown as actual landed weight whether 'in the round', 'gutted and gilled', 'gutted and headed', 'filleted', etc.

Quantity figures in the first table in some cases are slightly greater than those shown in subsequent tables. This is due to the late receival of a small number of fishermen's returns. This necessitated their exclusion from detailed quarterly classifications, which are processed mechanically. This does not, however, invalidate the relationships suggested by the tables.

### FISHERIES—SUMMARY

		190	64-65	19	65-66	19	66-67
Particulars		Quantity	Value	Quantity	Value	Quantity	Value
Production— Fish (a)—Barracouta (Snoek)	108	'000 lb 1,517	\$'000 112	'000 lb 2,258	\$'000	'000 lb 1,738	\$'000 110
Salmon Shark Other		501 414 460	(d) 108	432 684 465	31 143 (d) 157	786 678 593	57 150 (d) 197
Other Crustaceans—Crayfish (b) Molluscs—Scallops (c)		3,336 $583$	(d) 108 2,105 180	3,939 174	2,557	4,283 151	2,426 72
Abalone $(c)$ Other $(b)$		165	49	533	185	1,469	642
		19	064	1	965	1	966
Number of Boats Engaged Value of Boats Engaged Average Value per Boat	\$.000 \$	$\frac{3,5}{6,9}$	90	4,2	596 225 289 272	5, 8,	618 139 316 320
Number of Tender Boats Total Value of Fishing Gear Value of Fishing Gear per Boat	\$'000 \$	3 6	232 343 383	4	113 393		505 817
Number of Persons Engaged Number of Boats—			057	1,1			200
Under 5 Tons 5 and under 10 Tons		1	61 21	1	240		214 138
10 and under 20 Tons 20 and under 40 Tons			15 92	. 1	19 .00 12		131 119 13
40 and under 80 Tons 80 Tons and Over			12 2 252		3		3 330
Boats with Fish Detecting Equip. Boats without Fish Detecting Eq	uipment	2	51 76	9	817 90		288 123
Boats with Refrigeration Boats without Refrigeration			27		506		495

- (a) Landed or reported weight.
- (b) Live weight.
- (c) Ex-shell weight.
- (d) Recorded exports. Details of production not available.
- (e) Less than \$500.
- (f) Includes value of seaweed harvested.

# CATCH OF CRAYFISH AND MAJOR SPECIES OF FISH BY BLOCK AND ESTUARY NUMBER 1966--67

(Lb)

Block or	Crusta- ceans				,	Fish				
Estuary Number	Crayfish	Southern Bluefin Tuna	Barra- couta (Snoek)	Yellow- Eye Mullet	Aust. Salmon	Sand Flat- head	Shark	Sea Garfish	Other	Total
943	99,460		Long A							
947	79,552		100		64,400		10,342			74,745
948	232,445		2							
044	202,776		200		244,144		81,999	100	194	326,63
045	33,780		11,370		6,000		65,006		598	82,97
046		32	243,650	7,717	9,591	388	18,077	200	1,341	280,99
047	106,369		363,126		148,306	27,222	82,125			620,779
048	304,445		480		108,046		4,479		17	113,025
049	7,799						5,243			5,243
1144	529,153						34,496	71.10	2,007	36,503
1145										
146	400		31,415	12,258	8,702	3,744	5,372		6,687	68,178
1148	743,063	782	15,108	190	596	667	56,457	4,656	71,652	150,108
244	39,082						23,877		1000.	23,877
245	279,348			8	2,682		14,175		5,745	22,610
247	83,709		24,480	1,241	36,624	640	1,856	1,818	18,755	85,414
1248	428,363	9,651	151,263	105	37,330	80,983	57,719	573	22,285	359,909
249	4,076									
345	336,060						57,578		624	58,202
346	354,288		180		76,253	320	42,214		2,928	121,895
347	242,897	8,523	638,099	988	27,214	597	30,232	4,099	25,257	735,009
348	61,686	12,573	170,868			1,013	11,588	/	5,838	201,880
602			4,175	4,777	4,280	1,633	309	1,076	5,295	21,545
Other	62,885		16,967	5,188	11,358	65	14,772		15,079	63,429
Total	4,231,636	31,561	1,671,381	32,472	785,526	117,272	617,916	12,522	184,302	3,452,952

# NUMBER AND VALUE OF BOATS REGISTERED IN TASMANIA (a) AND USUAL NUMBER OF CREW, 1966

					Number	Value	of Boats	Numbe	er of Crew
	Hor	me Por	rt		of Boats	Total	Average per Boat	Total	Average per Boat
Southern Ports—					Number	\$'000	\$	Number	Number
Dover					20	192	9,600	46	2.3
Gordon				 	5	37	7,400	11	2.3
Hobart				 	102	806			
				 		806	7,902	227	2.2
Kettering				 	17		4,706	27	1.6
Margate				 	10	71	7,100	19	1.9
Port Arthur				 	31	135	4,355	48	1.5
Southport				 	14	49	3,500	21	1.5
Woodbridge				 	5	56	11,200	11	2.2
Eastern Ports—									da2
Bicheno				 	28	141	5,036	39	1.4
Coles Bay				 	3	11	3,667	4	1.3
Dunalley				 	34	188	5,529	61	1.8
Swansea				 					
Triabunna				 	48	307	6,396	77	1.6
North and North	n-East	ern Po	orts—						
Bridport				 	27	151	5,593	43	1.6
Lady Barron				 	23	205	8,913	45	2.0
St Helens				 	38	209	5,500	59	1.6
Tamar				 	35	72	2,057	49	1.4
North-Western I	Ports-	_							
Currie				 	12	94	7,833	21	1.8
Port Sorell				 	24	115	4,792	43	1.8
Smithton				 	14	73	5,214	28	2.0
Stanley				 	16	240	15,000	41	2.6
Wynyard				 	17	37	2,176	39	2.3
Western Ports—							_,	00	2.0
Strahan				 	14	100	7,143	25	1.8
Total Tasmanian	Port	s		 	537	3,369	6,274	984	1.8
		• • •		 	81	1,770	21,852	216	2.7
Total All Po	rts			 	618	5,139	8,316	1,200	1.9

<sup>(</sup>a) Only major ports are listed. Boats fishing out of adjacent smaller ports are included with major ports.

## CATCH OF CRAYFISH AND FISH LANDED AT TASMANIAN PORTS (a) DURING EACH QUARTER, 1966-67

('000 Lb)

					Crayfish					Fish		
Port of Land	ling			Quarte	r Ended				Quarter	Ended		
I of the Little	amg		30 Sept.	31 Dec.	31 March	30 June	Year	30 Sept.	31 Dec.	31 March	30 June	Year
Southern Ports—									and their			
Dover			33	123	103	16	275	merA	1	12	(b)	13
Gordon				1		(b)	1	(b)	1		(b)	1
Hobart			42	143	126	29	340	22	17	157	99	295
Kettering			8	22	34	26	90	1	4	138	72	215
Margate			12	99	111	27	249	1		232	21	253
Port Arthur			20	54	29	15	118	1	4	193	138	336
Southport			6	35	29	15	85		1	(b)	24	25
Woodbridge			1	2			3	(b)				(b)
Eastern Ports—												
Bicheno			33	166	74	11	284	3	9	38	95	145
Coles Bay				5	(b)	(b)	5		4	9	7	20
Dunalley			29	151	67	21	268	10	50	26	155	241
Swansea												
Triabunna			28	269	67	20	384	2	15	59	113	189
North & North East	ern Po	rt.a					140	100				
Bridport			41	137	53	13	244	22	64	117	283	486
Lady Barron			58	130	144	39	371		(b)		3	3
St Helens			41	343	118	27	529	6	7	9	15	37
Tamar				5	3	1	9	38	16	147	238	439
North Western Port	S											
Currie			22	25	46	21	114				(b)	(b)
Port Sorell			(b)	23			23	23	32	36	259	350
Smithton			(b)	3	44	5	52		1	1		2
Stanley			35	57	212	71	375	1	209	74	39	323
Wynyard				(b)	1000		(b)		4	1	4	9
Western Ports— Strahan			49	74	190	96	409	7	1	5	51	64
Total Tasmar	nian Po	orts	460	1,866	1,451	454	4,232	138	440	1.256	1,620	3,453

<sup>(</sup>a) Only major ports are listed. Catch landed at adjacent smaller ports is included with major ports.
(b) Less than half the unit shown.

#### FISH CATCH BY SPECIES 1966-67

		F15D	LUATUR	1 DI 31	ECIES,	1900-07			·	
	September	Quarter	December	Quarter	March Q	uarter	June Q	uarter	Ye	ar
Species	Quantity	Pro- portion of Total	Quantity	Pro- portion of Total	Quantity	Pro- portion of Total	Quantity	Pro- portion of Total	Quantity	Pro- portion of Total
	lb	%	lb	%	lb	%	lb	%	lb	%
Southern Bluefin Tuna	820.1.		32	0.0	18,590	1.5	12,939	0.8	31,561	0.9
Barracouta (Snoek)	20,993	15.2	57,372	13.1	753,641	60.0	839,375	51.8	1,671,381	48.4
Yellow-Eve Mullet	7,971	5.8	13,967	3.2	7,502	0.6	3,032	0.2	32,472	0.9
Australian Salmon	42,918	31.2	218,675	49.8	197,305	15.7	326,628	20.2	785,526	22.8
Sand Flathead	5,111	3.7	33,652	7.7	35,689	2.8	42,820	2.6	117,272	3.4
Gummy Shark	16,332	11.9	23,905	5.4	67,701	5.4	114,542	7.1	222,480	6.4
School Shark	14,550	10.6	49,952	11.4	133,171	10.6	197,763	12.2	395,436	11.5
Sea Garfish	1,103	0.8	2,349	0.5	831	0.1	8,239	0.5	12,522	0.4
Other Species	28,633	20.8	39,608	8.9	41,850	3.3	74,211	4.6	184,302	5.3
Total Fish	137,611	100.0	439,512	100.0	1,256,280	100.0	1,619,549	100.0	3,452,952	100.0

## BOATS REGISTERED IN TASMANIA DURING 1966, CLASSIFIED ACCORDING TO LENGTH AND AGE

				W	hen Constru	icted				
Length of Boat (Feet)	Before 1910	1910 to 1919	1920 to 1929	1930 to 1939	1940 to 1949	1950 to 1954	1955 to 1959	1960 to 1964	1965 and Later	Total Boats
Under 20	2 4 3 1	1 2 5 8 2	1 1 9 11 4	4 8 19 9 4 1	16 39 35 29 13	13 33 17 7 3	24 20 22 14 9 3	$   \begin{array}{c}     42 \\     25 \\     29 \\     20 \\     17 \\     2   \end{array} $	25 10 11 19 10	126 140 151 120 63 10
70 and over	1	2	2		2			1		8
Total Boats	12	20	28	45	137	73	92	136	75	618

# MONTHLY QUANTITY OF FISH AND CRAYFISH LANDED AT TASMANIAN PORTS, AND MEN AND BOATS ENGAGED, 1966-67

			F	ish					Cray	yfish		
Month				Ca	tch	us I				Ca	teh	
Home	Boats Engaged	Men Engaged	Total	Proportion of Annual Total	Per Boat	Per Man	Boats Engaged	Men Engaged	Total	Proportion of Annual Total	Per Boat	Per Man
	no.	no.	'000 lb	%	lb	lb	no.	no.	'000 lb	%	Ib	lb
July	50	72	54	1.6	1,087	755	181	341	233	5.5	1,285	682
August	45	66	22	0.6	480	327	142	268	190	4.5	1,340	710
September	50	69	62	1.8	1,234	894	23	50	38	0.9	1,631	750
October	64	93	62	1.8	973	670	18	35	31	0.7	1,702	875
November	68	101	135	3.9	1,982	1,334	234	446	1,073	25.4	4,586	2,406
December	75	109	242	7.0	3,233	2,225	228	434	762	18.0	3,344	1,757
January	121	185	305	8.8	2,523	1,650	234	443	626	14.8	2,675	1,413
February	123	191	499	14.5	4,061	2,615	205	389	506	12.0	2,470	1,308
March	134	218	452	13.1	3,376	2,075	175	349	318	7.5	1,820	912
April	125	214	619	17.9	4,944	2,888	118	236	219	5.2	1,856	928
May	137	217	644	18.7	4,693	2,963	64	132	83	1.9	1,304	632
June	96	141	357	10.3	3,715	2,529	126	226	152	3.6	672	1,205
Total			3,453	100.0				1	4,232	100.0		

#### EXPORTS AND IMPORTS OF FISH

Particulars	Unit	1962	-63	1963	5-64	1964	-65	1965	5-66	196	6-67
Faruculars	Unit	Overseas	Inter- state	Overseas	Inter- state	Overseas	Inter- state	Overseas	Inter- state	Overseas	Inter- state
Exports, Quantity— Fish (a) Crayfish—Tails Whole Scallops Other Crustaceans and Molluses	'000 lb '000 lb '000 lb '000 lb	76 203 176 	} 3,450 1,773 375	50 263 28 	} 2,198 1,594 106	32 356 30 143	} 1,702 1,203 54	517 119 3	} 1,976 1,640 51	2 342 77 24 421	$   \left.\begin{array}{c}     2,308 \\     1,540 \\     \hline     15 \\     266   \end{array}\right. $
Exports, Value— Fish (a)	\$'000 \$'000 \$'000 \$'000	15 227 108  (c)	537 778 148 	6 313 13  64	363 684 45 	17 668 25 75 84	233 597 22 	812 110 1 100 1,023	\begin{cases} 408 \\ 1,235 \\ 21 \\ \\ 1,664	1 521 63 14 200 799	$ \begin{cases} 486 \\ 1,104 \\ 6 \\ -123 \\ 1,719 \end{cases} $
Imports, Quantity— Fish— Fresh and Frozen Preserved in Tins Other (d) Crustaceans and Molluses	'000 lb '000 lb '000 lb '000 lb	446 274 139	292 446 40	599 282 122	338 519 38	535 285 32	363 651 38	693 513 144	406 868 21	601 264 7	474 872 35
Imports, Value Fish— Fresh and Frozen Preserved in Tins Other (d) Crustaceans and Molluses Total Value	\$'000 \$'000 \$'000 \$'000	98 88 22 (c) 209	54 137 6	145 89 25 (c) 260	60 164 10	147 101 7	56 209 11  276	196 164 32 (c) 392	68 308 6	176 108 1 2 287	84 364 11

<sup>(</sup>a) Includes fresh and frozen fish preserved in tins.
(b) Under 500 lb.
(c) Under \$500.
(d) Includes smoked and salted fish and potted fish, extracts and caviare.

#### MINING AND QUARRYING, YEAR ENDED 31 DECEMBER

	19	964	19	)65	19	066
Particulars	Mines Employing 4 or More Persons	All Mines	Mines Employing 4 or More Persons	All Mines	Mines Employing 4 or More Persons	All Mines
	Value of	f Output (\$'00	<b>00)</b> (a)			
Fuel Mining	21,463 633 688	21,600 649 864	25,246 427 462	25,349 430 744	30,094 362 436	30,187 $362$ $732$
Total Mining	22,784	23,113	26,135	26,523	30,893	31,281
Construction Material Quarrying	1,325	1,935	1,794	2,475	2,611	3,280
Total All Mining and Quarrying	24,109	25,048	27,929	28,998	33,504	34,561
100 A	Summa	ry of Operati	ons (c)		denodation denod	o seggo) coo klet)
Number of Mines and Quarries	number 42	number 174	number 46	number 184	number 51	number 182
Salaried Employees—	16	120	20	165	12 469	158 471
Below ground Wage Earners— Above ground	75 1,449	75 1,610	60 1,479	60 1,630	77 1,693	77 1,839 678
	683	687	685	685	676	3,223
Total Workers	2,511	2,781	\$'000	\$'000	\$'000	\$'000
Salaries and Wages Paid (e)— Salaries Wages $(f)$	\$'000 1,263 6,746	\$'000 1,266 6,934	1,305 7,604	1,309 7,788	1,832 8,045	1,8 <b>34</b> 8,222
	8,009	8,200	8,909	9,096	9,877	10,057
Cost of— Power, Fuel and Light Used Other Materials Used	786 5,965	843 6,030	785 7,801	841 7,848	844 7,791	903 7,830
Total of Above Costs	6,751	6,873	8,585	8,689	8,636	8,733
Value of— Output Production $(g)$ Value of Additions and Replacements	24,109 17,358 to	25,048 18,175	27,929 19,343	28,998 20,309	33,504 24,868	34,561 25,828
Fixed Assets—  Land and Buildings  Plant and Machinery  Mine Development	95 392 44	(h) (h) (h)	482 5,120 99	(h) (h) (h)	1,822 6,196 17,144	(h) (h) (h)
Total	531	(h)	5,701	(h)	25,162	(h)

<sup>(</sup>a) Selling value at mine or quarry (i.e. exclusive of transport costs from mine or quarry to point of sale). Value added by reduction of ores, concentrates, etc. to metals is excluded. Such processes are classified as 'factory' and included in secondary industries statistics.

(h) Not available.

<sup>(</sup>b) Includes clays, limestone, etc.
(c) Details for those tin mines with production valued at less than \$1,000 at point of sale are excluded from all items except Value of Output and Value of Production.
(d) Number employed on last full working day of year shown.
(e) Exclusive of drawings by working proprietors.
(f) Net amount after deduction of miners' purchases of explosives from employees.
(g) Value of output at mine or quarry, less total costs other than labour shown above. No allowance has been made for depreciation or costs of maintenance.
(h) Not available.

# MINERALS AND CONSTRUCTION MATERIALS PRODUCED

Source: Department of Mines

Mineral			4881	Unit of Quantity	1962	1963	1964	1965	1966
eadle HA paryolgosia	836	all lik	N		rals and Assay	ed Contents	'		
Copper Concentrate				tons	49,361	55,405	49,463	48,740	55,98
Copper content			::	tons	12,785	14,919	13,158	13,376	14,83
Gold content				fine oz	7,230	10,171	7,714	8,180	8,70
Silver content				fine oz	72,605	59,608	52,610	49,876	59,82
Name				4	0.000	10.901	10.015	0.000	11 11
Copper Ore Copper content		• •		tons	9,882	10,391	10,215	8,262	11,112
Gold content				fine oz	223	134	122	132	15
Silver content	08			fine oz	12,308	9,023	9,748	7,049	10,50
0.00					10			10	
Copper Precipitate Copper content				tons	13	22	$\frac{51}{20}$	13	6
Copper content			• • • • • • • • • • • • • • • • • • • •	fine oz	1	3	5	1	20
				071	90 0	0.8			
Gold, other than from Cond	centra	tes		fine oz	417	165	97	98	79
Iron Oxide				tons	4,082	4,221	6,808	3,524	2,79
Lead Concentrate				tons	13,742	16,321	14,853	13,565	14,465
Copper content				tons	80	125	74	78	9(
Gold content				fine oz	3,384	4,335	3,939	3,166	3,339
Lead content				tons	8,056	9,557	8,689	$7,966 \\ 343,919$	8,44
Silver content Sulphur content				fine oz tons	387,926 2,817	$ \begin{array}{c c} 461,396 \\ 3,360 \end{array} $	$ \begin{array}{c c} 397,839 \\ 3,053 \end{array} $	2,768	369,169 $2,924$
Zinc content				tons	2,113	2,537	2,338	2,303	2,500
and Commercial				4-2-	11.100	-			
Lead-Copper Concentrate Copper content				tons	11,192	9,309	$10,214 \\ 1,018$	$\begin{array}{c c} 10,424 \\ 1,085 \end{array}$	12,083 1,196
Gold content			::	fine oz	18,021	18,820	19,271	18,732	21,430
Lead content				tons	4,228	2,934	3,832	3,858	4,49
Silver content				fine oz	994,880	941,668	1,047,851	1,034,888	1,107,854
Sulphur content				tons	2,926	2,624	2,649	2,774	3,160
Zinc content				tons	1,423	1,081	1,221	1,202	1,391
Pyrite Concentrate Sulphur content				tons	8,373 4,131	19,463 9,537	$\begin{array}{c} 46,166 \\ 22,437 \end{array}$	$\begin{array}{c} 46,912 \\ 22,893 \end{array}$	61,006 $29,344$
0.000	• •				00000				
Tin Concentrate Tin content				tons tons	1,507 1,058	$\begin{array}{c c} 1,435 \\ 1,005 \end{array}$	1,438	$\begin{array}{c c} 1,493 \\ 1,027 \end{array}$	1,510 1,031
					7 470	1.070	1.000		
Fungsten Concentrates				tons	1,476	$\begin{array}{c c} 1,352 \\ 958 \end{array}$	1,396	1,637	1,804
Scheelite concentrate WO <sub>3</sub> content				tons	686	675	$\frac{1,016}{717}$	$\begin{array}{c c} 1,150 \\ 822 \end{array}$	1,307 $941$
Wolfram concentrate			::	tons	488	394	380	487	497
$WO_3$ content				tons	349	285	276	355	365
7: 0					00.071	01.100	0.4 = 0.7		
Zine Concentrate Cadmium content		• •		tons	80,651	81,168	84,791	77,715	83,761
Cobalt content		::		tons	1			E720 3 9 7 0 d 2	75
Copper content				tons	245	238	267	258	310
Gold content				fine oz	2,843	2,797	3,233	2,589	2,802
Lead content				tons	2,470	2,491	2,827	2,414	2,634
Manganese content				tons	264	258	243	233	254
Silver content				fine oz	232,333	230,951	272,015	242,387	285,999
Sulphur content Zinc content		• • •		tons	26,684 44,382	$26,797 \\ 44,871$	27,965 46,596	$\begin{array}{c c} 25,539 \\ 42,805 \end{array}$	27,368 45,960
Zino contont	1			10	7.1	22,012	10,000	12,000	10,000
Coal, Black—				F	uel Minerals	1			Leater 1
Semi-anthracite				tons	1,649	2,081	1,529	2,145	2,333
Bituminous				tons	270,693	204,841	149,632	100,312	80,331
Total				tons	272,342	206,922	151,161	102,457	82,664
			N	on-Metallic	(excluding Fuel	l) Minerals	o, etc.	elays, limestor	pobuloul (d
Plays— Brick Clay and Shale				tons	140,536	146,885	170,496	185,623	150.000
Kaolin				tons	606	110,000	110,100	100,043	159,898
Other				tons	29,966	26,104	33,888	36,070	39,958
Polomite				tons	2,217	2,623	923	1,145	2,600
imestone (a)				tons	318,538	354,465	351,518	338,414	344,734
Ochre				tons	60	51	69	40	68
Pebbles				tons	375	518	727	920	895
Silica				tons	514	2,641	13,606	10,393	5,417

For notes see end of table on page 57.

#### MINERALS AND CONSTRUCTION MATERIALS PRODUCED —continued

Mineral	Unit of Quantity	1962	1963	1964	1965	1966
	Constru	iction Material	s (b)			
Dimension Stone            Crushed and Broken Stone            Gravel (c)            Sand            Other	tons tons tons	1,208 610,441 589,157 97,156 111,682	2,177 922,532 914,351 110,822 19,979	6,089 1,009,923 r 1,075,063 160,086 109,892	1,351 1,339,844 1,240,234 276,028 284,182	1,066 2,115,211 1,426,373 227,991 303,197

(a) Excludes quantities used directly as a building or road material.
(b) Excludes quantities quarried by Government or Semi-Government authorities (e.g. H.E.C., P.W.D., etc.) but includes quantities quarried by Local Government authorities for road material.

(c) Mainly decomposed rock for road material.

Revised.

# SIZE CLASSIFICATION OF MINES AND QUARRIES ACCORDING TO AVERAGE NUMBER OF PERSONS EMPLOYED (a)

		18,5			Mines	or Quari	ries Emplo	ying				
	Year and Type of Mining		Than		From 4 to 20 Persons		From 21 to 200 Persons		Over 200 Persons		Total	
		Mines etc.	Persons	Mines etc.	Persons	Mines etc.	Persons	Mines etc.	Persons	Mines etc.	Persons	
1964	-Metal Mining Fuel Mining	(b) 24 2	24 5	3 4	25 49	6	391 76	3	1,697	(b) 36 7	2,156 130	
	All Mining and Quarrying $(c)$	(b) 132	264	28	227	11	578	3	1,697	(b) 174	2,766	
1965–	-Metal Mining Fuel Mining	(b) 21 2	32 3	5 3	36 26	5 1	419 52	3	1,707	(b) 34 6	2,194 81	
	$\operatorname{ing}(c)$	(b) 138	248	33	251	10	586	3	1,707	(b) 184	2,792	
1966–	-Metal Mining Fuel Mining All Mining and Quarry-	(b)(d)21 1	32 1	3 2	20 12	6	555 52	3	1,809	(b)(d)34 4	2,416 65	
	$\operatorname{ing}(c)$	(b)(d)131	240	35	238	12	784	3	1,809	(b)(d)182	3,071	

(a) During the period worked, includes working proprietors.

(b) Includes only those tin mines with production valued at \$1,000 or more at point of sale.

Includes also particulars of Non-Metallic Mining and Construction Material Quarrying.

(d) Includes one mine with no employees being developed under contract.

# AVERAGE DAILY PRICES OF REFINED METALS (a): AUSTRALIAN MARKETS

		Year		Aluminium $(b)$	Copper (c)	Gold (d)	Lead (e)	Silver (f)	Tin $(g)$	Zinc (h)
				\$ per ton	\$ per ton	\$ per fine oz	\$ per ton	\$ per fine oz	\$ per ton	\$ per ton
959				542.0	624.0	31.25	200.0	0.82	2,115.5	211.1
960	• •		 	542.0	650.6	31.25	200.0	0.83	2,084.9	226.4
961			 	542.0	613.4	31.25	198.7	0.84	2,335.5	205.8
962			 	542.0	610.0	31.25	164.3	0.95	2,326.7	200.
			 	510.9	610.0	31.25	169.2	1.15	2,357.9	218.
963			 	502.0	717.4	31.25	239.3	1.17	3,194.0	288.9
964			 		985.1	31.25	281.1	1.16	3,628.9	286.
965			 	516.2				1.16	3,869.1	270.
966			 	520.0	960.4	31.25	248.8	1.10	3,003.1	210.

(a) Where a daily price does not actually exist for a commodity, daily prices have been imputed from price data which is available.

(b) Refined aluminium, 99.5% domestic, 1-20K ingots, c.i.f. capital cities.

(c) Ex-smelter Port Kembla.

(d) Reserve Bank official price. (e) Refined soft pig lead, f.o.b. Port Pirie.

(f) Refined silver spot, London market.

(g) Refined tin, domestic, 5 ton lots, ex-works or delivered buyer's premises.

(h) Zinc, good ordinary brand (g.o.b.) grade, f.o.r. Cockle Creek.

# ASSAYED CONTENTS OF METALLIC MINERALS PRODUCED

Source: Department of Mines

Mineral	Unit of Quantity	1962	1963	1964	1965	1966
Cadmium—from zinc concentrate	tons	72	74	77	70	7
Cobalt—from zinc concentrate	tons	1	W.01.			
Copper—from copper ore	tons	438	427	342	367	563
from copper concentrate	tons	12,785	14,919	13,158	13,376	14,831
from copper precipitate	tons	6	6	20	4	15
from lead concentrate	tons	80	125	74	78	90
from lead-copper concentrate	tons	961	1,090	1,018	1,085	1,196
from zinc concentrate	tons	245	238	267	258	310
Total	tons	14,515	16,805	14,879	15,168	17,005
		-		Stear blace to		
Gold—from copper ore	fine oz	223	134	122	132	151
from copper concentrate	fine oz	7,230	10,171	7,714	8,180	8,706
from lead concentrate	fine oz	3,384	4,335	3,939	3,166	3,339
from lead-copper concentrate	fine oz	18,021	18,820	19,271	18,732	21,430
from zinc concentrate	fine oz	2,843	2,797	3,233	2,589	2,802
other forms	fine oz	417	165	97	98	79
Total	fine oz	32,118	36,422	34,376	32,897	36,507
Iron Oxide	tons	4,082	4,221	6,808	3,524	2,797
Lead—from lead concentrate	tons	8,056	9,557	8,689	7,966	8,447
from lead-copper concentrate	tons	4,228	2,934	3,832	3,858	4,497
from zinc concentrate	tons	2,470	2,491	2,827	2,414	2,634
iioin mie concontrato		2,1.0	2,101		2,111	
Total	tons	14,754	14,982	15,348	14,238	15,578
Manganese—from zinc concentrate	tons	264	258	243	233	254
Silver—from copper ore	fine oz	12,308	9,023	9,748	7,049	10,507
from copper concentrate	fine oz	72,605	59,608	52,610	49,876	59,824
from copper precipitate	fine oz	1	3	5	1	26
from lead concentrate	fine oz	387,926	461,396	397,839	343,919	369,169
from lead-copper concentrate	fine oz	994,880	941,668	1,047,851	1,034,888	1,107,854
from zinc concentrate	fine oz	232,333	230,954	272,015	242,387	285,999
Total	fine oz	1,700,053	1,702,652	1,780,068	1,678,120	1,833,379
Sulphur—from lead concentrate	tons	2,817	3,360	2.052	9.700	2.024
	tons	2,926	2,624	3,053 $2,649$	$2,768 \\ 2,774$	$\frac{2,924}{3,160}$
from lead-copper concentrate from pyrite concentrate	tons	4,131	9,537	22,437	$\frac{2,774}{22,893}$	29,344
from zinc concentrate	tons	26,684	26,797	27,965	25,539	$\frac{29,344}{27,368}$
Total	tons	36,558	42,318	56,104	53,974	62,796
Tin	tons	1,058	1,005	990	1,027	1,031
m		000				
Tungstic Oxide—from scheelite concentrate from wolfram concentrate	tons tons	686 349	$\frac{675}{285}$	717 276	822 355	$\frac{941}{365}$
Total	tons	1,035	960	993	1,177	1,306
Zinc—from lead concentrate	tons	2,113	2,537	2,338	2,303	2,500
from lead-copper concentrate	tons	1,423	1,081	1,221	1,202	1,391
from zinc concentrate	tons	44,382	44,871	46,596	42,805	45,960
Total	tons	47,918	48,489	50,155	46,310	49,851

#### MINERAL EXPLORATION

Introduction: The statistics in the following tables relating to exploration for minerals other than petroleum are derived from the annual census of mineral exploration undertaken by this Bureau. The first mineral exploration census was conducted for the year 1965. Information relating to petroleum exploration and development which is collected by the Bureau of Mineral Resources, Geology and Geophysics is not published here but may be obtained from the bulletin 'Mineral Exploration' issued by the Commonwealth Statistician.

Definition of 'Mineral Exploration (Other Than For Petroleum)': Mineral exploration consists of the search for, and/or appraisal of, new ore occurrences and known deposits of minerals (including extensions to deposits being worked) by geological, geophysical, geochemical and other methods (including drilling). Exploration for water is excluded. The construction of shafts and adits is included if primarily for exploration purposes. Excluded are mine development activities (which include the construction of drives, shafts, winzes, etc.) in underground mines and the preparation of quarrying sites for open-cut extraction (including overburden removal) carried out primarily for the purpose of commencing or extending mining and quarrying operations. Mine development activities (including mines under development) are included in the scope of the annual census of Mining and Quarrying, the results of which are published in this bulletin.

Scope of Mineral Exploration Census: (i) Private exploration on current producing leases: Relates to exploration carried out on the producing lease by privately operated mines currently producing or under development for production of minerals other than petroleum. Mines included in this section of the General Mineral Exploration census correspond closely to those in the annual census of Mining and Quarrying with the exception of a limited number of itinerant prospectors and small mines excluded from the collection. (ii) Private exploration in other areas: Relates to exploration carried out on areas covered by exploration licences, issued by the Department of Mines for exploration for minerals other than petroleum.

**Definitions:** (i) Core Drilling: Diamond drilling or any kind of drilling in which drill cores are taken. (ii) Non-core Drilling: Alluvial, percussion and other drilling in which drill cores are not taken. (iii) Shaft: Vertical or sloping access to underground mineral deposit. (iv) Winze: Internal shaft in mine, usually connecting two levels in plane or lode. (v) Adit: Horizontal or inclined access to underground mineral deposit, usually from a hillside. (vi) Drive: A tunnel or level in (or parallel to and near) a mineral deposit.

# MINERAL EXPLORATION (OTHER THAN PETROLEUM)

				Expendi	ture (a)		Man	Weeks Worke	d (b)	
	Year			ure (Including o Contractors)		Payment to	By Professional	By Non- Professional	Total Man-	
			On Drilling	Other (c)	Total	(d)	Persons (e)	Persons (f)	weeks Worked	
			\$'000	\$'000	\$'000	\$'000	Number	Number	Number	
			Private	Exploration	on Current	Producing Le	ases			
1965 1966	 	 	698 850	546 215	1,244 1,065	329 250	1,035 1,021	3,353 3,069	4,388 4,090	
				Private Explo	oration on C	Other Areas				
1965 1966	 	 	839 841	3,053 964	3,892 1,806	2,340 655	1,063 1,551	2,126 4,295	3,189 5,846	
				Total Pr	ivate Explo	ration	2000000	H 100 49		
1965 1966	 	 	1,537 1,691	3,599 1,179	5,1 <b>36</b> 2,870	2,670 905	2,098 2,572	5,479 7,364	7,577 9,936	

(a) Expenditure whether charged as working expenses or capitalised.

(b) By the operator and his staff only (includes time spent on report writing and similar off-site activities associated with exploration).

(c) Includes geological etc., adits, shafts, etc.

(d) Amounts paid to drilling contractors, geological consultants, technical advisers, etc., for exploration services.

(e) Geologists, geophysicists, engineers, etc., engaged in exploration work.

(f) Drill operators, field hands, etc.

#### FOOTAGE DRILLED, SUNK OR DRIVEN

		Ye	ear			Other (a)		
					Core	Total		
				Pr	ivate Exploration	on Current Producing	Leases	7
1965 1966	::			 	93,965 101,109	1,300	93,965 102,409	4,459 3,285
					Private Explo	ration on Other Areas		
1965 1966				 	57,540 44,587	31,862 18,445	89,402 63,032	6
					Total Pri	vate Exploration		
1965 1966				 	151,505 145,696	31,862 19,745	183,367 165,441	4,459 3,291

(a) Includes shafts, winzes, etc., sunk and drives, adits, etc., driven.

VALUE OF

PRODUCTION

### VALUE OF PRIMARY PRODUCTION, 1966-67

Particulars	Agricultural	Pastoral	Dairying	Poultry	Bee-farming	Total Rural	Trapping	Forestry	Fishing	Mining and Quarrying	Total All Primary
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Gross Value of Production $(a)$ Less Marketing Costs	44,925 9,304	37,540 2,606	26,887 1,373	5,083 56	53 9	114,488 13,349	515 39	16,627 2,295	3,653 630	39,288 (b) 4,727	174,572 21,040
Local Value of Production	35,621	34,933	25,514	5,027	44	101,139	477	14,332	3,024	34,561	153,532
Less Production Costs— Seed Fertilisers Spraying and Sheep-dip Stock Feed Water for Irrigation Power, Fuel and Light	1,727 1,466 1,100 106 160 1,681	277 2,919 141 9,237 50 743	119 1,251 30 4,121 50 662	2,140 127	22 :: 	2,123 5,636 1,271 15,605 260 3,212	¥	THE SECOND SECON	::	(c) 8,733	2,123 5,636 1,271 15,605 260 (c) 11,945
Total Production Costs	6,240	13,367	6,232	2,267	88 6	28,106				8,733	36,839
Net Value of Production $(d)$	29,381	21,566	19,281	2,760	(e) 44	73,032	(e) 477	(e) 14,332	(e) 3,024	25,828	116,693
Value of Production per Head of Mean Population—	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Gross Net	120.22 78.62	100.46 57.71	71.95 51.60	$\frac{13.60}{7.38}$	(e) 0.14 0.12	306.37 195.44	(e) 1.38 1.28	(e) 44.50 38.35	9.78 (e) 8.09	105.14 69.12	$\frac{467.16}{312.27}$

(d) Excludes depreciation and maintenance costs.

(a) Includes government subsidies. (b) Transport costs only. (c) Includes cost of repairs, timber, explosives and other expendable stores used in the Mining and Quarrying Industry

(e) Local values.

#### DEFINITIONS AND EXPLANATORY NOTES

**PRIMARY INDUSTRIES:** The following are definitions of the terms used:

GROSS VALUE OF PRODUCTION: This is the value placed on recorded production at the wholesale prices realised in the principal markets. (In cases where primary products are consumed locally, or where they become raw material for a secondary industry, these points are presumed to be the principal markets.)

MARKETING COSTS: These include freight, cost of containers, commission and other charges incurred in marketing.

LOCAL VALUE OF PRODUCTION (i.e. gross production valued at place of production): This is ascertained by deducting Marketing Costs from Gross Value of Production.

VALUE OF MATERIALS USED IN PROCESS OF PRODUCTION: These include power, power kerosene, petrol and other oils, seed used, fodder consumed by farm stock, fertilisers, dips and sprays, and other selected costs of a similar nature. No allowance for power, power kerosene, petrol and other oils has been made for the years 1942-43 to 1957-58.

NET VALUE OF PRODUCTION: This is ascertained by deducting the Value of Materials Used in Process of Production from the Local Value of Production. No deductions have been made for depreciation or certain maintenance charges as particulars are not available.

GOVERNMENT SUBSIDIES AND BOUNTIES: Subsidies and bounties paid by the State and Commonwealth Governments to primary industries are, in general, included in value of production.

Gross and Local Values of primary production involve some duplication as they include the products of certain primary industries which are consumed as raw materials by other industries in the group (i.e. hay consumed by livestock). Furthermore, many of the materials consumed by primary industries are the products of secondary industry. However, duplication has been eliminated in calculating the Net Value of primary production by deducting the value of both primary and secondary products consumed by primary industries. Therefore, Net Value of primary production should be used when comparing or combining values for primary industries with those for secondary industries.

# GROSS VALUE OF PRODUCTION—AGRICULTURE, 1966-67

Description of Crops	Area		Yield	a of Crops	Gross	Value
1,108		Unit of Quantity	Per Acre	Total	Average Per Unit	Total
	acres	/ 51			\$	\$
Cereals for Grain— Barley	91.057	bush	36.65	771,750	1.44	1.109.113
Oats	$\frac{21,057}{35,909}$	bush	26.40	947,960	0.88	835,177
Rye	25	bush	6.60	165	1.60	264
Wheat	12,747	bush	30.22	385,243	1.43	552,024
Total Cereals for Grain	69,738	•••				2,496,578
Hay	203,181	tons	2.15	436,907	16.35	7,144,926
Green Fodder	86,843	1.1				1,202,115
Field Peas—	803	1 1	95.54	111 650	2.06	329,953
Blue	4,372 1,610	bush bush	$25.54 \\ 24.95$	$\begin{array}{c c} 111,658 \\ 40,170 \end{array}$	$\frac{2.96}{2.16}$	86,651
Total Eight Deer		bush	25.38	151,828	2.74	416,604
	5,982				2.11	
Vegetables for Stock Fodder— Horse Beans	331	bush	25.03	8,284	3.14	26,001
Turnips (Swede and White)	29,520	tons	(a)	(a)		4,817,680
Other	56					12,534
Total Vegetables for Stock Fodder	29,907					4,856,215
Grass Seed—						
Clover	880	cwt	0.72	632	39.87	25,198
Other	4,256	cwt	2.13	(b) 11,071	10.97	121,442
Total Grass Seed	5,136	cwt	1.89	11,702	12.53	146,640
Industrial Crops—	1,878	1,894,1	7 404	0.001.415	0.77	1 507 516
Hops—Bearing	1,468	lb (c)	1,424	2,091,415	0.75	1,567,516
Non-bearing Mustard	245	lb	531	129,740	0.10	13,592
Total Industrial Crops	1,801					1,581,108
The state of the s						80,000
Vegetables for Human Consumption— Beans—French and Runner	970	'000 lb	8.378	8,127	70.94	576,511
Peas—Green	15,304	'000 lb (d)	3.711	56,790	48.91	2,777,379
Potatoes	10,278	tons	7.13	73,300	$54.56 \\ 85.57$	3,999,000 362,373
Turnips	592	tons	7.15	4,235	89.97	1,675,047
Other	1,602	•••		• •	•	2,010,021
Total Vegetables for Human Consump-						9,390,310
tion	28,747		• •	• •	• •	9,390,310
Orchard Fruit—						
Bearing—Apples	15,235	bush	414	6,301,000	2.37	(e)14,946,904
Apricots	344	bush	60 109	20,500 4,700	$\frac{3.60}{6.51}$	73,722 30,619
Cherries	43	bush bush	141	4,800	4.38	21,009
Peaches	$\frac{34}{1,398}$	bush	289	404,000	2.42	(e) 979,247
Pears Plums and Prunes	46	bush	174	8,000	1.62	12,972
Other	13					11,342
Non-bearing	3,622	• •	• •		• •	
Total Orchard Fruit	20,735	••	••		• •	(e)16,090,815
Small Fruit—	1.63	'000 lb		(g) 95	92.03	8,761
Bearing—Blackberries Currants	$\begin{pmatrix} f \end{pmatrix} 695$	'000 lb	3.908	(g) 95 2,715	112.10	304,352
Gooseberries	33	'000 lb	4.545	150	50.29	7,530
Loganberries	139	'000 lb	4.899	681	102.70	69,939
Raspberries	577	'000 lb	5.618	3,240	110.50	358,020
Strawberries	67	'000 lb	3.910	262	184.31	48,365
Non-bearing	97	• •		• •		
Total Small Fruit	1,608	t bei i laws sa	nauranne selu	ind years.	o of whisely	796,967
All Other Crops	2,346					802,599
Total Crops	(h) 456,022					44,924,877

<sup>(</sup>a) Not available. (b) Includes 2,008 cwt harvested from area sown to oats. (c) Dry weight. (d) Ex-shell.

(e) Government subsidy of \$15,000 to compulsory hail insurance scheme excluded from Apples and Pears, but included in Total Orchard Fruit. (f) Not collected. (g) Quantity recorded as used in factories. (h) Includes area of land on which two successive crops were grown during the same season.

# GROSS VALUE OF PRODUCTION—AGRICULTURE, SUMMARY (\$'000)

								(\$'000)					
	I	Descri	ption o	f Crops				1961-62	1962-63	1963-64	1964-65	1965-66	1966-67
Cereals for G	rain—												
Barley								878	877	592	736	899	1,109
Oats								573	626	639	478	558	835
Rye								11	4	4	3	1	(a)
Wheat		• •	• •		• •			551	616	692	485	508	552
Total Ce	reals fo	or Gra	in					2,012	2,123	1,927	1,703	1,965	2,497
Нау								4,683	4,432	3,987	4,654	3,991	7,145
Green Fodder	r							932	892	916	818	963	1,202
Field Peas—								8.101	TAT BOX				
Blue								310	313	301	322	264	330
Grey and (	Other				• •			177	195	243	273	118	87
Total Fie	eld Pea	ıs						487	508	544	595	382	417
Vegetables fo		k Fode	der—					degd	019.1				22
Horse Bear								23	17	45	53	26	26
Turnips (S			,					3,366	4,007	4,361	3,739	4,763	4,818
Other					• •		• •	51	41	114	32	24	10
Total Ve	getable	es for	Stock	Fodder				3,440	4,065	4,520	3,824	4,813	4,856
Grass Seed—								20	70	97	119	21	25
Clover Other								$\frac{32}{97}$	73 198	$\begin{array}{c} 37 \\ 142 \end{array}$	113 368	74	121
Total Gr	ass See	ed						129	270	178	481	95	147
ndustrial Cr	ona												700000
Hops	ops—							1,844	1,860	1,026	1,427	2,178	1,568
Mustard			• •	::	• •			19	19	1,020	13	13	14
Total In	dustria	l Cror	os					1,863	1,879	1,038	1,440	2,191	1,581
Vegetables fo												nutand n	
Beans—Fr	ench a							304	277	239	271	388	577
Peas—Gree	en							2,125	1,797	1,717	2,415	2,243	2,777
Potatoes								3,755	2,078	4,309	6,732	2,856	3,999
Turnips								342	219	189	247	265	362
Other			• •				• •	1,292	986	982	1,156	995	1,675
Total Ve	getable	es for	Humai	n Consu	mption	n		7,817	5,357	7,436	10,820	6,747	9,390
Orchard Frui	t—							72.201					
Apples $(b)$								15,594	13,390	17,436	13,389	15,944	14,947
Apricots								111 16	159 19	$\begin{array}{c} 83 \\ 20 \end{array}$	110	$\begin{array}{c} 73 \\ 24 \end{array}$	74
Cherries								10	15	7	$\frac{25}{8}$	6	$\begin{array}{c} 31 \\ 21 \end{array}$
Peaches								1,009	1,033	1,410	1,292	900	979
Plans (b)	Dmino		• •	• •	• •			29	13	1,410	$\frac{1,232}{26}$	$\frac{300}{21}$	13
Plums and Other	rrune:	S						7	8	7	9	6	11
Total Or	chard 1	Fruit	(b)					16,876	14,716	19,042	15,199	17,874	16,091
Small Fruit—								dozed	1 808.7				
Blackberrie								29	24	17	8	8	9
Currants								257	346	349	235	276	304
Gooseberrie								15	14	15	10	8	8
Loganberri								117	98	75	50	54	70
Raspberries Strawberries								$\begin{array}{c} 459 \\ 53 \end{array}$	$\begin{array}{c} 356 \\ 74 \end{array}$	398 33	$\begin{array}{c} 345 \\ 59 \end{array}$	$\begin{array}{c} 362 \\ 41 \end{array}$	$\begin{array}{c} 358 \\ 48 \end{array}$
Total Sm								930	912	888	707	749	797
								501	395	473	633	752	803
All Other Cro			• •	• •	• •		• •						
Total All	Crops				• •	• •		39,670	35,550	40,948	40,875	40,523	44,925

(a) Less than half the unit shown.
(b) Government subsidy to compulsory hail insurance scheme excluded from Apples and Pears but included in Total Orchard Fruit.
(c) Value of quantity used in factories only.

# GROSS VALUE OF PRODUCTION—PASTORAL, DAIRYING, POULTRY AND BEES, SUMMARY

Particulars	1962-63	1963-64	1964-65	1965-66	1966-67
Pastoral— Wool—					
Shorn (including Crutchings) Dead, Fellmongered and Wool on Skins	16,195	19,359	17,411	20,399	19,394
Exported	1,577	1,993	1,639	2,006	1,589
Total Wool	17,772	21,352	19,050	22,405	20,983
Livestock Slaughtered (a)—					
Sheep and Lambs $(b)$	4,089	4,662	5,640	6,382	6,418
Cattle	5,674	6,831	8,542	8,563	10,139
Total Pastoral	27,535	32,844	33,233	37,350	37,540
Dairying—					
Milk Livestock Slaughtered (a)—	17,008	18,367	19,416	19,100	20,077
Cows	1.047	1,230	1,373	1,601	1,656
Calves	145	188	289	253	321
Pigs	3,204	3,687	4,156	4,490	4,833
Total Dairying	21,404	23,472	25,234	25,445	26,887
Poultry and Bee-farming— Poultry Slaughtered and Eggs	3,704	3,765	4,210	4,414	5,083
Honey	93	113	122	86	50
Beeswax	3	3	9	7	3
Total Poultry and Bee-farming	3,800	3,881	4,341	4,506	5,136

<sup>(</sup>a) 'On the hoof' values of livestock slaughtered in the State adjusted for exports and imports. (b) Excluding value of wool on skins.

# GROSS VALUE OF PRODUCTION—PRIMARY INDUSTRIES, SUMMARY (\$'000)

Industry	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67
Agriculture	 31,782	29,032	30,979	31,790	39,670	35,550	40,948	40,875	40,523	44,925
Pastoral	 23,651	22,088	26,764	23,019	23,310	27,535	32,844	33,233	37,350	37,540
Dairying	 16,983	17,376	19,870	18,487	19,553	21,404	23,472	25,234	25,445	26,887
Poultry	 3,797	3,829	3,480	3,529	3,686	3,704	3,765	4,210	4,414	5,083
Bee-farming	 69	55	48	74	49	96	116	131	92	53
Total Rural	 76,282	72,379	81,139	76,900	86,269	88,289	101,146	103,683	107,824	114,488
Trapping	 251	290	614	437	355	495	521	439	374	515
Forestry	 10,469	11,263	12,552	13,132	11,721	13,127	13,699	15,326	15,990	16,627
Fishing	 1,016	1,328	1,613	1,921	2,294	2,254	2,203	2,686	3,300	3,653
Mining and Quarrying	 19,524	17,369	17,879	18,842	18,880	20,839	23,376	28,487	32,798	39,288
Total Non-rural	 31,259	30,250	32,658	34,331	33,250	36,715	39,799	46,938	52,463	60,083
Total Primary	 107,541	102,630	113,797	111,231	119,519	125,004	140,945	150,622	160,287	174,572

## NET VALUE OF PRODUCTION FOR ALL RECORDED INDUSTRIES, SUMMARY

7	Year	$\begin{vmatrix} \text{Agriculture} \\ (a) \end{vmatrix}$	Pastoral (a) (b)	Dairying (a)	Poultry (a)	Bee-farming $(c)$	Total Rural (b)	$\begin{array}{c} \text{Trapping} \\ (c) \end{array}$	Forestry (c)	Fishing (c)	Mining & Quarrying (d)	Total Non-rural	Total All Primary (b)	Factories	Total A Industric
					7	Total Net Val	lue of Reco	orded Prod	uction (\$'0	00)					
949-50		 10,745	14,276	3,054	1,893	22	29,988	307	4,199	852	9,259	14,616	44,604	38,671	83,275
950-51		 17,289	23,945	4,212	1,271	25	46,743	423	4,862	822	14,099	20,205	66,947	49,229	116,176
951-52		 21,433	11,624	6,124	1,758	28	40,966	353	6,113	882	21,104	28,452	69,418	59,588	129,006
952-53		 21,605	14,826	7,788	2,116	37	46,371	370	6,496	1.211	14,651	22,728	69,099	60,997	130,096
953-54		 18,407	14,303	9,519	1,958	44	44,231	436	7,111	865	12,783	21,194	65,427	66,129	131,55
954-55		 22,481	15,294	11,016	1,763	30	50,583	331	8,074	1,111	14,114	23,636	74,213	76,228	150,44
955-56		 30,341	14,563	12,762	1,868	37	59,571	429	9,183	1,011	17,224	27,847	87,417	91,862	179,28
956-57		 15,956	21,332	12,666	2,029	48	52,032	289	9,046	1,217	16,598	27,149	79,181	97,365	176,54
957-58		 24,099	16,157	12,764	1,857	64	54,941	232	9,095	1,016	11,794	22,137	77,078	103,660	180,73
958-59		 20,991	13,304	12,497	1,667	51	48,510	268	9,774	1,328	10,335	21,705	70,216	108,602	178,81
959-60		 21,291	15,692	13,889	1,049	44	51,965	568	11,111	1,366	10,796	23,843	75,808	120,392	196,20
960-61		 21,878	12,806	13,227	1,133	68	49,112	414	11,470	1,626	10,952	24,462	73,574	124,892	198,46
961-62		 25,864	11,709	13,563	1,098	46	52,279	328	10,181	1.819	10,406	22,735	75,014	127,874	202,88
962-63		 22,312	15,087	15,012	1,231	89	53,731	458	11,314	1,769	12,235	25,776	79,506	142,033	221,53
963-64		 25,726	19,566	16,750	1,257	107	63,407	482	11,640	1,726	14,465	28,313	91,721	152,571	244,29
964-65		 27,224	21,038	19,043	1,596	121	69,023	406	13,270	2,194	18,175	34,045	103,067	167,250	270,31
965-66		 23,070	22,319	18,028	1,773	85	65,275	346	13,837	2,747	20,309	37,239	102,515	175,606	278,12
966-67		 29,381	21,566	19,281	2,760	44	73,032	477	14,332	3,024	25,828	43,661	116,693	194,571	311,264
				N	ot Volue	of Recorded	Droduction	Don Hood	of Moon D	lanulation	(B)				
949-50		 39.14	52.01	11.12	6.90	0.08	109.25	1.12	15.30	3.10	33.73	53.25	162.50	140.88	303.38
												00.20	102.00	140.00	000.00
950-51		 60.98	84.46	14.85	4.48	0.09	164.86	1.49	17.15	2.90	49.73	71.26	236.12	173.63	409.70
951-52		 73.06	39.63	20.88	5.99	0.09	139.65	1.20	20.84	3.01	71.94	96.99	236.65	203.14	439.78
952-53		 71.41	49.01	25.74	6.99	0.12	153.28	1.22	21.47	4.00	48.43	75.12	228.40	201.62	430.03
953-54		 59.49	46.23	30.76	6.33	0.14	142.95	1.41	22.98	2.79	41.31	68.50	211.45	213.72	425.18
954-55		 71.89	48.91	35.23	5.64	0.10	161.76	1.06	25.82	3.55	45.14	75.57	237.33	243.78	481.1
955-56		 95.32	45.75	40.09	5.87	0.11	187.15	1.35	28.85	3.17	54.11	87.48	274.63	288.59	563.22
956-57		 49.15	65.70	39.01	6.25	0.15	160.26	0.89	27.86	3.75	51.12	83.62	243.89	299.89	543.78
957-58		 72.58	48.66	38.44	5.59	0.19	165.46	0.70	27.39	3.06	35.52	66.67	232.13	312.19	544.32
958-59		 61.99	39.29	36.91	4.92	0.15	143.26	0.79	28.86	3.92	30.52	64.10	207.35	320.71	528.07
959-60		 61.87	45.60	40.36	3.05	0.13	151.01	1.65	32.29	3.97	31.37	69.29	220.30	349.86	570.17
960-61		 62.49	36.58	37.78	3.24	0.19	140.29	1.18	32.76	4.64	31.29	69.88	210.17	356.76	566.92
961-62		 72.51	32.83	38.02	3.08	0.13	146.57	0.92	28.54	5.10	29.17	63.74	210.31	358.51	568.81
62-63		 61.62	41.66	41.46	3.40	0.25	148.38	1.26	31.24	4.88	33.79	71.18	219.56	392.24	611.80
		 70.25	53.43	45.74	3.43	0.29	173.15	1.32	31.79	4.71	39.50	77.32	250.47	416.65	667.12
63-64		 73.96	57.16	51.74	4.34	0.33	187.52	1.10	36.05	5.96	49.38	92.49	280.01	454.38	734.39
063-64 064-65 065-66		 62.45	60.42	48.80	4.80	0.23	176.71	0.94	37.46	7.44	54.98	100.81	277.52	475.38	752.90

 <sup>(</sup>a) No deduction made for the years 1949-50 to 1957-58 for costs of power, power kerosene, petrol and other oils.
 (b) Profits arising from the 1939-45 War-time Wool Disposals Plan have been excluded both from years in which the wool was produced and years in which payment to woolgrowers was made.

<sup>(</sup>c) Local values.

<sup>(</sup>d) Gross values excluding Quarrying prior to 1952-53.

## AVERAGE UNIT GROSS VALUE OF CROPS—TASMANIA

Note: Unit Values have been calculated for principal agricultural products by dividing the total quantity produced into the total gross value of production for each product. They there fore represent weighted average 'prices' in principal markets (including the farm itself where quantities are retained for farm use) for the product.

(\$)

Crop	Unit of Quantity	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67
1 0 0 :											
ereals for Grain— Barley	bush	1.44	1.47	1.33	1.44	1.45	1.39	1.43	1.39	1.31	1.44
Barley Oats	bush	1.03	0.89	1.15	0.97	0.98	0.76	0.76	0.92	0.82	0.88
Rye	bush	1.80	1.88	2.30	2.57	1.40	1.40	1.40	2.21	2.04	1.60
Wheat	bush	1.32	1.28	1.38	1.40	1.60	1.48	1.43	1.33	1.38	1.43
Hay	ton	15.90	15.63	19.02	18.45	16.41	14.16	16.00	12.77	15.52	16.35
Field Peas—					Less than		2 50	0.04	0.10	0.70	2.00
Blue	bush	1.98	2.43	4.09	4.50	3.00	2.50	3.04	3.19	2.59	$2.96 \\ 2.16$
Grey and Other	bush	3.00	3.00	2.67	2.56	2.30	2.86	2.78	3.06	2.54	2.10
Vegetables for Stock			na manta ta								
Fodder— Horse Beans	bush	3.48	3.02	2.63	2.70	2.50	3.00	2.94	4.01	3.90	3.14
Grass Seed—						man ()					
Clover	ewt	28.93	44.80	50.18	47.71	72.80	75.48	75.78	62.92	45.22	39.87
Other	cwt	6.53	15.87	22.47	18.81	22.40	20.61	20.61	20.30	15.29	10.97
Total Grass Seed	cwt	11.71	21.96	27.78	20.52	27.18	25.61	24.22	24.13	17.84	12.53
Industrial Crops—			0.00	0.00	0.00	0.05	0.05	0.65	0.68	0.71	0.75
Hops (dry weight) Mustard	lb lb	$0.59 \\ 0.15$	$0.60 \\ 0.11$	$0.62 \\ 0.11$	$0.62 \\ 0.11$	$0.65 \\ 0.10$	$0.65 \\ 0.10$	0.65 0.10	0.08	0.14	0.10
Vegetables for Human		1 1001105					CHARLES SEE		23322		
Consumption—		211									
Beans—French and					0=00	07.00	00.00	00 40	70.06	69.95	70.94
Runner	'000 lb	90.10	93.50	99.97	97.00	95.80	80.00	68.46 59.71	46.77	43.75	48.91
Peas Green	'000 lb	67.59	64.57	58.81	66.58	56.44	54.24 $25.18$	64.88	117.97	37.39	54.56
Potatoes	ton	28.71	43.75	39.55	90.36 46.00	52.48 46.66	46.66	46.60	62.80	76.41	85.57
Turnips	ton	31.30	24.84	37.33	46.00	46.66	40.00	40.00		70.41	
Orchard Fruit—	bush	2.13	1.99	1.88	1.94	1.99	2.14	2.04	2.16	1.91	2.37
Apples	bush	1.79	1.00	1.03	2.68	2.61	3.18	2.31	2.04	2.83	3.60
Apricots	bush	3.46	3.66	3.38	3.50	3.41	5.32	4.37	6.75	5.77	6.51
Cherries	bush	1.28	1.50	1.61	2.60	3.00	4.24	3.92	4.97	3.57	5.78
Nectarines Peaches	bush	1.48	1.74	1.57	2.35	2.40	4.50	2.57	2.70	2.39	4.38
TO	bush	3.29	2.38	2.05	2.58	1.78	2.49	2.26	2.64	1.38	2.42
Pears Plums and Prunes	bush	1.20	0.99	1.08	1.18	1.21	1.16	1.18	2.01	1.49	1.62
Quinces	bush	0.69	0.68	1.05	0.69	0.70	0.93	0.57	0.96	1.20	1.20
Small Fruit—									0.00	0.00	0.04
Blackberries	lb	0.09	0.09	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.0
Currants	lb	0.12	0.10	0.10	0.12	0.12	0.11	0.12	0.10	0.09	0.1
Gooseberries	lb	0.06	0.08	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.0
Loganberries	lb	0.09	0.08	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.1
Raspberries	lb	0.11	0.09	0.09	0.08	0.10	0.10	0.10	0.10	0.10	0.1
	lb	0.21	0.19	0.22	0.18	0.19	0.20	0.19	0.19	0.19	0.18

# LIVESTOCK PRICES (a)

(\$)

961-62					
		59.26	3.11	5.17	22.43
00 00	 		3.56	6,10	27.81
62-63	 	 58.82		6.77	29.88
63-64	 	 65.03	4.44	7.80	30.60
64-65	 	 78.02	5.95		30.41
C = C C		 88.86	5.73	7.92	
66-67	 	 91.51	5.40	7.39	32.11

<sup>(</sup>a) Estimated average prices, on the hoof, of main classes of livestock sold for slaughter. Comparable details are not available prior to 1961-62.

# AGRICULTURAL, DAIRYING & PASTORAL STATISTICS—TASMANIA, SEASON 1966-67

This return is collected under the Commonwealth Census and Statistics Act 1905–49, and all occupiers to whom this form is supplied must complete and return it WITHIN SEVEN DAYS of receipt to Officer-in-Charge of the Police Station indicated below. The return is strictly confidential and under no circumstances will particulars supplied be disclosed to any other person or Government Department.

						Deputy (	R. LAKIN Commonwealth	Statisticia
Police Number	NAME			Office use only	MUNICIPALITY			A.P.3
	ADDRESS				POLICE STATIO	Ν		
		THIS DECLA	ARATION MUST BI	E COMPLETED A	ND SIGNED			
I,	mileto te con habita	g(s) situated in the M			hereby	certify t	hat the partic	ulars give
and that they	are to the best of m	y knowledge and beli	ief complete and correct					
DATE	1967	Signed	ann an Drawlana Vaa		Ianager or Accountan		'elephone No.	
			own on Previous Yea CHANGE IN ARE		SINCE MARCH, 19	(acres) 66		
		since March, 1966			ired any land or leas	se since		
Area sold o	or let		acres (name)	Area acquired				acres (name)
of			(address)	of				(address)
	of your land is occu		ed in tenant's return, no or rural purposes, ple		ccupied ac	res		
	OF HOLDIN	G		olding, including	Crown and othe		ACR	ES
	st MARCH, 196				402 in section 7 or			
2. PERSO						1011	MALES	FEMALES
			Owners, lessees, ter			. 103		
	KING ON ING AT	PERMANENT		r, lessee, tenant of not receiving wages	r share-farmer ove s or salary			
	OF MARCH	FULL-TIME WORKERS	Employees, includ	ing managers and	d relatives working			
1967	OI MARCH		for wages or sala	ry		. 127		
	emales mainly en-	TEMPORARY			olding (on wages o	_		
	mestic duties or	WORKERS (Casual or seasonal)	contract) at end			141		(1)
3. WAGE	S AND SAL	ARIES PAID	To Permanent (full	-time) Employees		204	s	.00
	YEAR ENDED 31 value of keep)	1st MARCH, 1967	To Seasonal and Ca tors for seasonal work, e.g struction and development	asual Workers (inc a., for cultivation, harvest twork such as fencing, da	luding Payments to Contra- ing, shearing, but not for con- im-making, clearing, &c.)	216	s	.00
					nently on the hold		MALES	FEMALES
4. RESID	ENTS ON H	OLDING	ing at 31st Marcl (include female domestic arily absent, but exclude and institutions)	h, 1967 workers, children, farm seasonal workers, visitor	-workers and those tempors, guests, inmates of school	406		
5 MACH	IINERY ON	HOLDING			Market I for	02	NUMI	BER
	st MARCH, 196		Milking Machines -	—No. of Machines No. of Units		000		
(Include or	nly serviceable ma	chinery owned or	Shearing Machines-	—No. of Machines		. 030		
should be inc	used). Machinery whe duded in the return y it is located at 31	of the person on	Tractors—Wheeled	No. of Stands		0		
whose propert	y it is incated at 51	st March.	Crawler			. 067		
			Fertilizer Distribut	ors and Broadcast		079		
Additional p	particulars required i	n Section 6 below-	Headers, Strippers	and Other Grain a	and Seed Harvester	s 105		
			Grain Drills—Comb , Othe			120		
			Pick-up Balers					
			Forage Harvesters Rotary Hoes and F	· · · ·		. 170		
			Self-contained	Power Unit Type		182		
			Potato Planters (al	ed or Trailing Typl types)		. 194		
			Potato Diggers (all Hammer Mills (incl			269		
Do not includ	e Lawn Mowers		Mowers—Power Dr			010		
			,, Ground I Hay Rakes—Side l			400		
			,, ,, Buck			410		
			,, ., Dump Irrigation Plants—			4 80	*******************************	
			Spraying Plants—I			103		
			OTHER CULTIV	ATING IMPLEM	ENTS	03	Trailing Type (Tractor or Horse-drawn)	Tractor- Mounted Type
Include disc	ploughs, disc cultiv	vators, disc tillers,	Mouldboard Plou	ighs				
disc harrows			Disc Implements Tyne Implement			. 020		
			(a) Chisel Plou		ltivators, Rippers. Sections			
			Cultivating Impler specify)		ded Above (pleas	9		T TRUE CONT. LERGE T & Marrie
6. HEA		cclude Reapers, Bir	ND OTHER	GRAIN All	d Forage Harvesters		ESTERS	S
	PECIFY WHETHER—	USE A SEPA	ARATE LINE FOR E		N HOLDING			
03	(i) Self-Propel (ii) Tractor or	lled Horse Drawn		(i) Open Front ii) Comb Front	V	idth of (in feet		Age years)

309 311 Age (in years)

7. LAND UTILIZATION 1966-67		04	. A	CRES
To agree with Item 993 below————	Area used for Crops during 1966-67 (including orchards, small fruits, vegetables, &c.)	010		
	Land Lying Fallow during Season (excluding short or	010		ELIPSETERI (BAPETETTA ITTELETET SPECIES
	summer fallow)	109		
o agree with Item 197 in Section 13 on page 3	Area under Clovers and Grasses (other than Native)	200		n principal sector of the paper party the party of the
	Other Land used for Grazing	376	top major to top sales	\$34.0(3667330)+6373+8611449674678674678
	TOTAL AREA OF HOLDING (to agree with Item	300		The same same of the same of t
	014 on page 1)	402		
B. CROPS	CROPS (include areas which failed)	05	ACRES	PRODUCTIO
	Wheat for Grain	013		- bu
(see instructions on page 3) If harvesting incomplete, please show expected	Wheat for Hay	025	111171411111111111111111111111111111111	tor
roduction. Do not include crops planted just prior 31st March, 1967 for harvesting in 1967-68.	Wheat cut for Silage and Green Fodder or Fed Off	037		X X X X X X X X X X X X X X X X X X X
of the same of the	Oats for Grain	052 064		bu
	Oats for Hay Oats cut for Silage and Green Fodder or Fed Off	076		XXXXXXXX
	Grass Seed Harvested from Area Sown to Oats	088	XXXXXX	XXXXXXX
	Barley for Grain—2 Row (Carlsberg, Proctor, &c.)	102		bu
	,, ,, ,, 6 Row (Cape, &c.)	114		bu
	Barley for Hay	126 138		XXXXXXX
	Maize cut for Silage and Green Fodder or Fed Off	189		XXXXXXX XXXXXXX XXXXXXX
	Ryecorn for Grain (not Rye Grass)	203		bus
	Ryecorn for Hay (not Rye Grass)	215		ton
	Ryecorn cut for Silage and Green Fodder or Fed Off	$\frac{227}{06}$	XXXXXX	XXXXXXX XXXXXXX XXXXXXXX
	Lucerne for Hay	039		for
	Lucerne cut for Silage and Green Fodder or Fed Off	054		XXXXXXX
	Horse (Tic) Beans (60 lb. bushel)	104		Luc
	Turnips for Stock Fodder (Swede and White)	116 205		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Include all other crops not specified opposite, used	Rape	231		XXXXXXXXX
ntirely for GREEN FODDER (e.g., Kalê, Millet, &c.) xcept Clovers and Grasses (see Section 13 on page 3)=	Other Green Fodder (please specify)			XXXXXXXX XXXXXXXX
	Field Peas—Blue (60 lb. bushel)	419		bu:
	,, ,, Grey and Other (60 lb. bushel)	421		bu
	0.20018	07	XXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
	Hops—Bearing (production details not required)	070		XXXXXXXX
To agree with Item 997 below-	,, Not Bearing	082 322		XXXXXXX XXXXXXX XXXXXXX XXXXXXX
To agree with Total of Section 11 below (item 999)-	Vegetables for Human Consumption	373	LABORET PLOT DE STORE CONTRACTOR	XXXXXXX XXXXXXX XXXXXXX
The number of fruit trees and production of fruit rill be obtained by means of a later collection	Orchards (Bearing and non-bearing)	435		XXXXXXXX
To agree with Item 599 in Section 12 on page 3-	Small Fruits (Bearing and non-bearing)	450		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
	Nurseries	284		XXXXXXX
	BOTH AND AND ODODG			XXXXXXX
	TOTAL AREA ALL CROPS	979 981		XXXXXXX
To agree with Item 010 above-	Deduct Area of Land Double Cropped	993		XXXXXXX XXXXXXX XXXXXXX
	Milli of Mill Coll Toll Chors	05	1	CRES
P. CROP FORECAST-SEASON	Wheat (include all areas for grain, hay and green fodder)	963		
(Area intended to be sown, weather and other	Oats (include all areas for grain, hay and green fodder)	975		
conditions permitting)	Barley (include all areas for grain, hay and green fodder)	999		
O. VEGETABLES-For Sale For	Detatase (include a crosses for cond)	09	ACRES	PRODUCTI
Human Consumption	Potatoes (include acreage for seed)—  Early Crop dug before 31st March	011		Production required for
Details of production of potatoes will be	Main Crop to be dug after 31st March	023		potatoes,
btained in a later collection Show production of beans for processing factories	Beans—Broad	098		bu
s lbs.————————————————————————————————————	Beans—French and Runner—For Processing Factories	151		lb,
f 20 lb. bushels—	Beetroot Fresh Market	148		bu
	Cabbages	264		todc
	Carrots	290		toto
1. Where two types of vegetables have been grown the same area at different times during the period,		302		de
uch area must be shown in its appropriate place for ach vegatable.	Green Peas—For Processing Factories (shelled weight) Other, Sold in Pod (28 lb, bushels)	656		1b
2. Where the area sown to any vegetable is less than	" " "	480		bı
or 4 as the case may be.	Onions—White and Brown	581		to
3. Where vegetables are grown between rows of	Parsnips	629		to
rees in an orchard, estimate the area sown to vege-	rumpkins	682 720		to
ables only.	Silver Beet and Spinach	821		bc
	Turnips—Swede (excluding Stock Fodder—see Item 116 above)	000		bı to
	,, White (excluding Stock Fodder—see Item 116 above)	845	a constitution backet against hand-	to
	Other Vegetables (please specify)		CONTRACTOR AND PROPERTY CONTRACTOR	
To agree with Item 322 above—	TOTAL AREA FOR HUMAN CONSUMPTION	997		XXXXXXX
TO BATES WITH THEIR 322 BOOVS	TOTAL TOTAL TOTAL COMMUNICATION	1	ACRES	PRODUCTI
10 08.00				LANDROUTI
	Green Peas for Seed	$\frac{10}{052}$	RONDS	
1. VEGETABLES FOR SEED (Exclude potatoes for seed, see Items 011 and 23 above)	Green Peas for Seed		1101123	lb

#### SPECIAL INSTRUCTIONS ON CROPS

Season. Generally, all crops grown in the year from 1st April to 31st March are to be included but some crops at 31st March will be practically matured but not yet harvested; in the case of such crops, please estimate probable yield and include it in the total. (Special collections will be made later in the case of orchard fruit and potato yields).

Total Production. Should include all crops whether sold directly, delivered to marketing boards, retained for seed, consumed or stored on the holding or disposed of by gift, barter or delivery to the holder of a lien over the crop.

Crops for Grain or Hay. A crop harvested for grain or hay should not be entered again as a green fodder crop.

Failure of Crop. (1) If the failure is total, show area sown and write "F" in lieu of production figure; if failure is partial, show actual production figure. If a crop originally intended for grain was subsequently fed off entirely, still show the area under grain and not under green fodder.

(2) Crops ploughed in or dug in because they could not be marketed should be included as failures. However, green crops grown for ploughing in as green manure should be included under "All Other Crops", showing area only.

Double Cropping. (1) If two crops are grown on the same area at different times during the year, such area must be included twice in the area sown column.

(2) If two crops are grown together at the same time on the same area, then the area should be counted once only and apportioned between the two crops according to their relative importance.

(3) In the case of crops like lucerne which may be cut more than once, include the area once only but odd all manifests with the relativistic fields. but add all mowings to get the production figure.

#### LIVESTOCK

Please record all livestock belonging to the holding on 31st March, including those owned by you, share-farmers or members of the family, as well as those on agistment elsewhere.

12 CHALL EDILLE			EA	
12. SMALL FRUITS	12	Non- Bearing (acres)	Bearing (acres)	PRODUCTION (lb.)
(Show production in lb., not cwt. or tons).	Currants (Black and Red) 308			
	Gooseberries			Processor Constitution of the Constitution of
	Loganberries 334			
	Raspberries			
	Strawberries 359			
	Other (state kind)			
To agree with Item 450 in Section 8 on page 2	TOTAL AREA SMALL FRUIT   599			XXXXXXXXX
13. CLOVER AND GRASSES	(Mark of the Medical Part of the Control of the	13	ACRES	PRODUCTION
	Clover and Grasses cut for Hay			tons
OTHER THAN NATIVE	Clover Harvested for Seed			lb,
GRASSES	Grass Harvested for Seed	1084		XXXXXXXX
	Clover and Grasses Fed Off (not cut)	110		XXXXXXXXX
To agree with Item 200 in Section 7 on page 2	TOTAL AREA OF CLOVER AND GRASSES	197		XXXXXXXX XXXXXXXX XXXXXXXX
14. ARTIFICIAL FERTILISERS		AREA	QUANTI	TY USED
(exclude Lime, Gypsum and Dolomite)	Crops and Pasture Fertilized 14	FERTIL- IZED	Super- phosphate (a)	Other Artificial Fertilizers
Show only quantities used on crops and pastures	117	Acres	cwt.	ewt.
for the 1966-67 season listed by you on page 2 and 3.	Wheat		Company in the Section Configuration of the	
State total quantity of fertilizer used in cwt., (not	Vegetables (including Potatoes)			
tons or bags).	Fruit			
<ul><li>(a) Include superphosphate with trace elements.</li><li>(b) "Other Cereals" consists of oats, maize, barley</li></ul>	Other Crops 062			
and ryccorn, whether for grain, hay, or green fodder.	Pasture 100		THE STATE OF THE S	
	TOTAL 199			
15. LIME, DOLOMITE AND	Lime, Dolomite or Gypsum Used—	14	ACRES	CWT.
GYPSUM	On Pastures	403		
used during year ended 31st March, 1967	On Crops (including Orchards, Vegetables, &c.)	415	VARIOUS GREEN CO.	
	Crops Irrigated—	15	40	RES
16. IRRIGATION-Season 1966-67	Potatoes	040	AC	1(12-7
NoteIncludes watering by gravitation,	Other Vegetables	053		
sprinklers, and by power plant.	Fruit	077	The state of the s	The party of the second of the
	Green Fodder	115		
	Hops	127		
	Other Crops (specify)	154		
	TOTAL	646		
		16	rn.	ONS
17. HAY AND ENSILAGE	Silage made on farm during Season 1966–67	206	10	7.7.8
IT. HAT AND ENSILAGE	Stocks of Silage on farm at 31st March, 1967	218		
	Stocks of Hay on farm at 31st March, 1967	220		THE THE PERSON NAMED IN THE PERSON NAMED IN
Charles Coloniard	Quantity of Hay sold during year ended 31st March	257	01E-110-1-100E-1-1-1-1-1-1-1-1-1-1-1-1-1	CONTRACT OF CONTRACT AND ADDRESS OF THE
40 CDAIN			BUS	HELS
18. GRAIN FED TO STOCK & POULTRY	Wheat	408		
Year ended 31st March, 1967	Oats	410	***************************************	****
	Barley	434		
19. BEEKEEPING, Year ended			NUM	JBER
31st March, 1967	Total number of beehives on holding at 31st March 1966 (include productive and non-productive hives)	992		
NOTES Seasonal Conditions. &c.: Brief commer	ats would be appreciated on such things as seasonal conditions er	on failure	a fra on	any unumal

variations since the previous year in crops, livestock, &c.

#### LIVESTOCK

		LIVESTOCK	17	XXXXXXX	(XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
20. CATTLE	BULLS	Dairy Breed Bulls (I year & over)	018	AAAXXXX	XXXXXXXX
and	used or intended	Beef Breed Bulls (1 year & over)	020		
CALVES	FOR SERVICE COWS AND HEIFERS	Bull Calves (under 1 year) intended for service‡	032		
Number at	used or intended for	Cows—In Milk and Dry at 31st March	145		
1st March, 1967	production (for sale) of	Heifers (1 year & over)	196		
Bull calves inten-	MILK AND CREAM HOUSE COWS (in milk and	dry) and HEIFERS (one year & over) being kept primarily	- 100		
ed for slaughter hould be included	for own milk supply	· · · · · · · · · · · · · · · · · · ·	208		
n Item 323	CATTLE AND CALVES	Cows and Heifers (1 year & over)	311		
	(not included above) mainly for MEAT production	Calves (under 1 year) including Vealers, Bobby Calves, &c. Other (1 year & over) i.e., Steers, Bullocks, &c	323		
		CALVES FOR ALL PURPOSES	-		Sheet Th
1. DAIRY PI	RODUCTION	Butter Made on Holding	766		and army
Year end	ed 31st March, 1967	Butter Made on Holding	100		lb.
		Boars	804		
2. Pigs on l	holding	Breeding Sows	816		
At 31st A	March, 1967	All Other Pigs	828		
		TOTAL NEWBALL OF THE S	18	XXXXXXX	XXXXXXXX XXXXXXXX
3. Sheep or	holding	Rams, I year & over	010	XXXXXXX	XXXXXXX
		Breeding Ewes, I year and over (incl. Ewes intended for mating)	034		
At 31st I	March, 1967	Other Ewes, 1 year & over	046		
		Lambs and Hoggets, under 1 year	061		
		TOTAL NUMBER OF SHEEP AND LAMBS	198	RAMS	
4. BREEDS	OF SHEED	RECOGNISED BREEDS OF SHEEP & LAMBS—		RAMS 1 year and over	ALL OTHER SHEEP
		Merino	301		
At 31st /	March, 1967	Border Leicester	313 325		
		Corriedale	337		
		Dorset Horn	349	-	
		English Leicester	352 364		
		Poll Dorset	376		
		Polwarth	388		
		Ryeland	402		
		Shropshire	414		
		Southdown	426		
		Other (please specify)	440		
*To agree with Iter	n 010 above	MERINO COMEBACKS (finer than half-bred)	453 465		
†To agree with the 061 above	total of Items 034, 046, 059, and	TOTAL	491	•	t
25. LAMBIN	G - Season 1966	Number of Lambs Marked during year 1966 Number of Ewes Mated to produce above lambs	200		
26 1	f 1047	Training of Error Matter to produce above larges	221	EWES 1 year and over	EWE LAMI
	forecast-Season 1967 and Ewe Lambs Mated or	Ewes or Ewe Lambs Mated (or to be Mated)—  To Merino Rams	248	and over	year
Intended to be	Mated for Lambing During	To Merino Rams	251		
) Dorset Horn, R	yeland, Shropshire, South Down,	To Rams of Other Breeds—Shortwool ( $a$ )	263		
Suffolk, Poll Do Border Leiceste Lincoln, Romne	r, Cheviot, English Leicester,	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	275 299		
		(Quantities should be based on Brokers' advices. If returns have not been received, please estimate production)	Ī	NUMBER SHORN	GREASY WOOL (lb.)
./. WOOL	PRODUCTION	All Wool Clipped from Sheep	503		
Year end	ed 31st March, 1967	All Wool Clipped from Lambs	515	XXXXXX	
OTE.—Include all	wool from sheep belonging to the	Crutchings, &c	539 541	XXXXXX XXXXXX XXXXXX XXXXXX	
	shorn. Locks, Pieces, Bellies and be included in Items 503 and 515	TOTAL	592		
8. STOCK	SLAUGHTERED	Calves	729		
ON FARM FO	R HUMAN CONSUMPTION	Pigs (include those made into bacon, &c.)	731		
DURING THE 1967	YEAR ENDED 31st MARCH,	Sheep	756		
	D. L. H. D.	Lambs (exclude unmarked lambs)	768		
9. STOCK		Pigs (exclude suckers)	832		
FROM DROUG YEAR ENDEL	HT AND OTHER CAUSES, 31st MARCH, 1967	Sheep	857 869		
		Lambs (exclude unmarked lambs)	19	XXXXXX	XXXXXXXX
O. POULTR	Υ,	Numbers at 31st March, 1967—	19	XXXXXX	XXXXXXX
	ed 31st March, 1967	Fowls—Hens and Pullets	063		
. Soi mild		Other Fowls and Chickens	075 101		
		Ducks	101		
		Geese	125		
		D 1 W-11- Devilence Cold Duning Voor	226		
	Ismata	Dressed Table Poultry Sold During Year	1		
31. HORSES,	Joonas	Total Number of Horses on Holding	644		

#### METEOROLOGY

(Source: Bureau of Meteorology, Regional Office, Hobart, from which further detailed information may be obtained on application.)

#### SUMMARY OF METEOROLOGICAL CONDITIONS, 1967

The entire State had below normal rainfall during 1967, the largest departure from normal being recorded in the Midlands (63 per cent of normal). The highest percentage of normal rainfall was recorded in the South East District and on Flinders Island (both 86 per cent), the remaining areas of the State having between 65 and 80 percent of normal rainfall.

The actual falls ranged between 100 inches at inland stations on the West Coast to 13 inches around Hamilton in the Derwent

Valley and in the Campbell Town-Ross area of the Midlands.

Mean temperatures were generally below normal in January but were well above normal in February despite cold snaps in the middle and at the end of the month. This above normal trend continued until the end of August. Below average temperatures were recorded in the early part of September but they were counteracted to a certain extent by above normal figures in the later part of the month, thus producing mean temperatures only slightly different from normal for the month. During October temperatures were slightly above in most areas; however, above average temperatures were recorded only in the North East and North West in November and were below average elsewhere. This trend continued in December when temperatures were considerably below normal over most areas of the State.

Widespread storms occurred on 16 January in Southern, Western and Northern districts and hail caused slight damage to fruit.

Light to moderate hail storms were also recorded on 30 October over a wide area.

Some light to moderate snow falls were recorded, mainly in Highland areas, during the year, the most notable occurring on 25

April, when the snowline was down to 800 feet in the South.

Light flooding was recorded in the South Esk and Macquarie River systems on 11, 14 and 17 July with some disruption of road communications. Extensive flooding of the South Esk, St Pauls, Macquarie, Mersey and Lake River systems was recorded

from 20 to 23 August with some damage to highways and railway facilities.

The disastrous bushfires of 7 February must rate as the most notable meteorological phenomenon of 1967. The fires were confined almost entirely to the South East district but were easily the worst Tasmania has ever experienced. The history of the fires goes back to the spring of 1966, when heavy falls of rain produced good spring growth. From the end of October, dry conditions prevailed and most grass and pastures were completely dried off by February. The very high temperature, low humidity and strong north westerly winds of 7 February, when associated with the amount of dry fuel available made the southern part of the State extremely vulnerable to fires such as those experienced. Over 1,000 square miles of country were burnt, more than 1,300 dwellings were destroyed and total damage was estimated to be in excess of \$25 million.

## TIMES OF PLANTING AND HARVESTING PRINCIPAL CROPS, AND OF SHEARING, LAMBING, etc., TASMANIA

	(	Crop				Time of Planting	Harvesting
reals—							
Barley						September to November	February to March
Oats						March to October	November to March
Wheat						May to September	January to February
egetables—							y and a second
Beans, Fren	ch and	l Runi	ner			September to October	February to March
Peas, Green						August to October	December to February
Potatoes—E	Carly					June to August	December to February
L	ate					September to November	February to October
Tomatoes						October to November	February to April
her Crops—							0 1
Hops							February to April
Field Peas						July to September	January to April
uit—							
Apples							February to May
Apricots							January to February
Peaches							January to February
Pears							February to April
Plums							January to February
Raspberries							December to January
Currants							January to February
Gooseberries							November to December
Strawberries							November to January
			Sho	aring		October to I	Dogombon
			10110	aimg	• •	October to 1	Secomber
			Lan	nbing-	-		
				Spring		August to O	ctober
					nn and W		

Lambs (a)

Slaughtering for Export—

Note: Variations from the above periods occur owing to variety of seed, district, seasonal conditions and zoning of shearing.

.. November to March

<sup>(</sup>a) The period shown refers to that in which the seasonal activity is more pronounced.

# METEOROLOGY

# METOROLOGICAL OBSERVATIONS, HOBART, 1967

					hade Temp			Rainfall					
Month	Mean Cor- rected Baro- meter			Mean (b)	Departure of Mean from	Е	Extremes a	nd Date		Mean Daily Hours of Sunshine	Total	Wet Days	Average for 84 years
	(a)	Max.	Max. Min.		Normal (c)	Maximum		Minimum		100			to 1967
	mbs	°F	$^{\circ}\mathrm{F}$	$^{\circ}\mathrm{F}$	°F	°F	date	$^{\circ}\mathrm{F}$	date	hours	inches	number	inches
Jan	1009.1	70.0	52.6	61.3	-0.4	89.0	6	44.9	3	8.9	0.59	8	1.94
Feb	1014.5	73.2	54.2	63.7	+1.8	102.8	7	43.9	28	10.6	0.37	6	1.60
Mar	1016.8	68.8	52.3	60.5	+1.1	89.2	17	43.0	4,11	7.7	0.62	9	1.87
Apr	1018.1	65.3	48.1	56.7	+1.8	81.6	18	37.7	26	6.2	0.82	8	2.19
May	1020.0	59.9	46.3	53.1	+2.4	73.7	3	36.8	30	4.8	0.46	6	1.92
June	1024.9	56.1	40.8	48.5	+1.6	62.9	17	32.5	21	4.6	0.27	5	2.39
July	1016.5	53.1	39.4	46.3	+0.4	61.6	30	32.0	5	4.8	6.08	14	2.07
Aug	1015.1	55.2	41.0	48.1	+0.2	63.8	24	36.0	14	4.9	2.17	11	1.89
Sept	1014.2	57.1	44.0	50.5	-0.4	69.9	22	39.0	17	5.1	2.06	19	2.10
Oct	1013.8	64.0	46.3	55.1	+1.2	80.2	25	38.2	4	8.1	1.70	13	2.53
Nov	1009.1	62.8	47.8	55.3	-1.6	77.6	1	42.0	24	7.6	2.62	17	2.14
Dec	1010.0	65.8	50.4	58.1	-1.8	83.7	11	42.2	4	7.2	1.47	14	2.22
Total Year											19.23	130	24.86
Mean Year	1015.2	62.6	46.9	54.8	+0.6	619 /			1,, 001	6.7			

<sup>(</sup>a) Mean of 9 a.m. and 3 p.m. pressures reduced to sea level and standard gravity. (b) Mean temperature  $=\frac{1}{2}$  (maximum + minimum). (c) Normal refers to long term average over 96 years of record.

# MONTHLY RAINFALL IN HOBART, SUMMARY

(Inches)

Month	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	Long Term Average (84 Years)	1967
January	0.83	1.16	0.52	3.59	0.83	0.17	1.36	2.26	1.24	1.36	0.88	0.50	2.47	0.48	1.94	0.59
February	2.44	5.15	0.85	5.01	1.29	2.25	1.67	0.77	1.20	0.54	1.04	6.72	0.31	1.32	1.60	0.37
March	1.65	1.08	0.79	1.57	1.88	1.79	0.44	0.58	0.78	1.39	1.13	2.15	1.48	3.29	1.87	0.62
April	1.80	1.22	3.25	2.19	3.15	2.86	2.06	9.75	2.06	1.65	0.40	1.12	4.62	3.20	2.19	0.82
May	1.15	1.13	1.49	5.34	2.04	8.43	0.73	3.81	1.23	2.59	1.29	1.94	2.71	1.65	1.92	0.46
June	3.38	9.38	2.61	3.65	0.62	1.33	1.40	1.99	1.68	2.43	1.11	2.24	0.53	0.38	2.39	0.27
July	2.68	0.58	2.27	1.99	0.73	2.16	2.15	1.80	3.04	2.30	3.66	2.46	0.33	3.66	2.07	6.08
August	2.14	1.83	1.53	3.00	0.92	5.44	0.63	1.04	2.23	3.71	1.47	1.94	1.78	2.30	1.89	2.17
September	5.02	0.72	1.03	1.64	7.93	0.87	3.04	3.19	1.31	3.84	1.62	2.19	1.47	5.23	2.10	2.06
October	1.30	0.86	2.08	5.13	2.05	4.82	1.03	2.57	1.16	2.95	1.16	1.21	1.04	4.23	2.53	1.70
November	4.89	3.16	1.64	2.76	5.80	1.28	0.83	1.16	0.47	0.91	1.24	1.83	2.69	1.12	2.14	2.62
December	2.88	0.93	4.26	0.76	1.42	5.15	3.94	0.43	1.63	1.73	0.51	3.76	1.55	0.66	2.22	1.47
Total	30.16	27.20	22.32	36.63	28.66	36.55	19.28	29.35	18.03	25.40	15.51	28.06	20.98	27.52	24.86	19.23

# MONTHLY RAINFALL—REPRESENTATIVE STATIONS

(Points) (a)

					1)	oints) (	a)						
Station and													
Period	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
Avoca—	la la la la												
1965	153	6	148	487	230	78	68	125	90	56	169	92	1,702
1966	26	90	246	196	137	83	264	117	481	122	169	149	2,080
1967	112	27	87	23	64	89	256	403	129	76	40	N.R.	N.R.
Avge (67 years)	141	137	137	185	179	217	192	191	188	224	165	187	2,143
Beaconsfield—			20,	200									,
1965	98	2	210	523	797	281	361	254	305	114	231	310	3,486
1966	92	139	148	161	275	155	709	261	376	231	231	238	3,016
1967	170	105	38	87	171	156	692	393	182	208	116	211	2,529
Avge (59 years)	164	202	183	285	384	429	478	417	341	331	240	237	3,691
Burnie (Holy-	101	202	100	200	001	127	1,0	11.	011	001			-,
mans)—													
700=	21	28	165	387	596	460	357	195	359	76	153	337	3,134
1966	36	117	303	182	N.R.	298	794	272	N.R.	N.R.	N.R.	N.R.	N.R.
700=	203	113	83	84	151	134	788	308	315	153	191	323	2,846
1967	173	176	207	315	364	472	492	441	360	374	263	248	3,885
Campbell Town—	173	170	201	313	304	414	474	771	300	3/1	200	210	0,000
* * * * * * * * * * * * * * * * * * * *	173	13	95	411	180	80	48	75	192	64	196	170	1,697
7000	10	166	287	176	102	64	309	149	366	120	83	210	2,042
700=	77	54	66	16	22	31	269	326	122	79	78	156	1,296
	144	163	131	187	185	184	200	180	193	229	183	214	2,193
Avge (51 years)	144	103	131	107	100	104	200	100	173	229	103	214	2,175
Deloraine (Ash-													
ley)— 1965	88	19	150	334	607	280	249	257	439	89	211	380	3,103
									625	250	223	248	3,470
1966	36	144	250	192	211	167	863	261	169	195	255	221	2,688
1967	156	75	65	44	126	180	623 <b>471</b>	579	370	353	258	244	3,764
Avge (72 years)	184	194	210	286	339	420	4/1	435	370	333	236	244	3,704
Franklin—	262	88	228	714	552	969	206	116	283	188	414	189	3,303
1965				514	$\frac{552}{267}$	263	492	$\frac{116}{285}$	477	300	88	99	3,079
1966	121	$\frac{73}{112}$	349	$\frac{445}{116}$	98	83 97	547	228	273	316	494	264	2,774
1967	91	204	138 <b>233</b>	297	287	347	311	320	340	355	297	293	3,528
Avge (71 years)	244	204	233	291	201	347	311	320	340	333	291	273	3,320
Hobart Airport—	104	22	179	322	146	41	33	197	96	90	279	145	1,734
1965	$\frac{184}{30}$	156	289	260	139	40	357	135	326	441	71	99	2,343
1966	90	24	77	82	58	28	614	188	238	97	145	190	1,831
1967 Avge (22 years)	139	174	156	238	199	183	188	171	175	255	180	203	2,261
Launceston Air-	137	1/4	130	230	177	103	100	1/1	175	233	100	203	2,201
port—													
700*	126	6	139	443	479	178	161	139	286	81	207	153	2,398
1965	40	175	243	211	217	126	628	258	278	161	113	211	2,661
1967	120	75	97	55	62	103	487	453	115	135	77	161	1,940
Avge (35 years)	160	188	149	240	246	249	335	296	255	274	203	211	2,805
Lilvdale—	100	100	117	240	210	21)	333	270	200	2/1	200	211	2,000
1965	167	10	203	519	723	331	343	146	315	100	316	196	3,369
1966	43	115	151	248	207	128	674	380	616	241	147	220	3,170
1967	159	89	61	77	89	163	687	731	120	178	79	280	2,713
Avge (61 years)	177	182	184	311	371	434	515	428	372	345	243	259	3,821
Longford—	1//	102	101	311	3/1	101	010	120	012	010	410	20)	0,021
1965	133	8	104	414	430	153	138	92	263	70	184	187	2,176
1966	155	116	256	144	173	102	653	209	297	168	96	197	2,426
	95	71	96	39	69	97	390	512	127	110	77	175	1,858
1967	143	146	149	202	226	252	275	242	223	251	172	191	2,472
Lymington Sth —	143	110	117	202	220	202	210	414	223	201	1/2	171	2,112
	151	44	214	390	305	135	119	197	240	176	345	185	2,501
	56	121	266	347	224	113	450	231	373	310	132	98	2,501 $2,721$
		N.R.	61	126	74	N.R.	N.R.	N.R.	N.R.	N.R.			
1967	95 104	197	219	278	258	308	285	290	277	311	N.R. <b>245</b>	N.R.	N.R. <b>3,124</b>
Avge (46 years)	194	197	217	210	230	300	200	470	211	311	243	262	3,124

<sup>(</sup>a) 100 points equal 1 inch. N.R. No record.

# METEORLOGY

# MONTHLY RAINFALL—REPRESENTATIVE STATIONS (Continued)

(Points) (a)

Station and Period	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
New Norfolk—	), j												
1965	106	14	136	354	256	55	49	74	143	69	186	101	1,543
	79	97	268	251	168	31	312	155	461	254	76	74	2,226
		61		80	25	30	407	158	158	156	208	137	1,517
1967	50		47	197		203	181	180	197	227	183	197	2,188
Avge (75 years)	163	136	150	197	174	203	101	100	197	221	100	1//	2,100
Oatlands—	0 = 0	=0	100	1.10	100	4 ~	0.7	1.40	98	60	218	194	1,986
1965	356	73	100	449	180	45	67	146			40	115	2,283
1966	26	179	435	158	95	53	307	120	436	319	139	138	1,480
1967	49	23	60	25	24	41	396	390	159	36	191	225	2,235
Avge (80 years)	170	162	161	200	180	209	171	172	168	226	191	223	2,233
Ringarooma—										0.0	20.4	200	4 105
1965	342	6	215	599	853	375	395	198	585	93	294	230	4,185
1966	79	116	349	304	298	125	715	393	657	273	198	380	3,887
1967	136	57	33	78	135	175	637	770	156	288	186	302	2,953
Avge (61 years)	254	231	268	344	441	585	622	555	502	460	299	288	4,849
Scottsdale—													
1965	186	1	188	473	617	272	311	188	386	95	291	203	3,211
1966	78	218	177	224	281	110	649	337	466	348	147	260	3,295
1967	116	68	35	55	120	147	596	708	157	N.R.	N.R.	N.R.	N.R.
Avge (80 years)	232	206	232	327	400	491	516	459	407	394	273	263	4,199
Smithton—													
1965	50	23	269	303	695	335	368	132	345	153	262	207	3,142
1966	107	139	131	332	296	321	757	425	347	383.	322	164	3,724
1967	253	110	111	129	163	379	664	396	348	145	253	289	3,240
Avge (55 years)	184	206	214	342	421	472	545	514	405	415	328	263	4,308
Swansea—	104	200	211	012									
1965	211	14	82	378	125	10	64	174	181	25	204	171	1,639
1000	51	333	217	322	89	94	128	187	496	212	102	243	2,474
* 0 0 **	79	17	79	13	101	115	449	352	195	65	143	176	1,784
1967 Avge (81 years)	189	171	203	216	190	249	210	167	168	219	197	228	2,407
Triabunna—	107	1/1	203	210	170	217	210	10.	200				
* * * * * *	146	28	151	550	225	45	44	327	188	76	187	331	2,298
	45	313	358	261	134	61	158	221	391	316	170	178	2,606
1966	129	27	46	37	124	118	666	377	197	68	209	207	2,202
1967	182	216	223	232	216	259	191	167	173	253	206	272	2,590
Avge (66 years)	102	210	223	232	210	23)	1/1	107	110	200			_,-,-
Ulverstone—	25	14	176	374	783	349	384	199	367	100	156	418	3,345
1965	28	115	178	131	230	251	774	269	533	409	234	257	3,409
1966				78	139	179	710	337	342	203	146	345	2,809
1967	158	112	60	291	366	462	495	429	365	374	261	230	3,811
Avge (65 years)	148	197	193	291	300	402	473	12)	303	071	201	200	0,011
Woodbridge—	250	0.4	010	971	900	140	154	300	176	227	375	274	3,057
1965	250	84	318	371	388	140	560	251	465	380	207	126	3,324
1966	87	115	308	429	252	81		349	226	249	411	339	2,990
1967	69	107	136	103	109	79	813			349	298	298	3,596
Avge (39 years)	215	220	250	337	292	340	327	333	337	349	290	270	0,070
Zeehan—				0 ==	7.000	1 000	0==	470	000	428	715	490	9,792
$1965 \dots \dots$	756	311	855	855	1,860	1,366	857	476	823		636	398	8,187
1966	345	256	746	1,145	1,077	651	1,164	641	534	594			7,211
1967	459	226	421	717	373	605	719	787	725	635	765	779	9,671
Avge (74 years)	552	454	604	850	962	983	1,056	1,035	902	884	745	644	9,071

<sup>(</sup>a) 100 points equal 1 inch. N.R. No record.

# RAINFALL OF TASMANIA IN DISTRICTS

			Meteore	ological Distr	rict and Majo	or Primary	Industry Act	ivity	1
Period	Northern	King Is.	Central Plateau	Midlands	Derwent Valley	South- East	East Coast	West Coast	Flinders Island
renod	Agriculture, Dairying, Forestry	Grazing, Dairying	Grazing (mainly sheep)		Fruitgrowing, Grazing, Forestry		Grazing, Mining	Mining	Grazing
			Actua	al Rainfall (	Inches)				
1961	29.91 37.60 33.65 50.44 31.63 25.85	34.55 35.48 30.79 45.49 35.89 38.41 29.67	33.83 47.17 30.74 57.47 35.86 34.47 30.19	15.38 20.07 14.94 26.56 18.25 21.40 13.89	18.61 29.93 17.94 30.98 21.91 25.15 20.10	21.67 30.12 19.69 32.05 27.66 31.03 25.24	28.17 29.96 24.40 36.65 25.89 28.72 22.58	76.69 105.99 73.26 115.97 93.60 78.02 72.39 <b>98.02</b>	30.46 37.07 26.99 37.45 25.45 26.04 24.83
District Average (a)  1967—  January	37.71 1.47 0.95 0.82 0.81 1.18 1.93 6.32 4.35 2.21 1.62 1.62 2.57	36.98  1.12 0.66 1.15 0.78 1.16 4.45 8.87 5.38 1.76 0.82 1.21 2.31	1.68 0.71 1.29 1.85 0.92 1.53 3.23 4.44 2.55 4.71 3.84	22.65  0.63 0.39 0.63 0.21 0.23 0.36 3.34 3.58 1.40 0.57 1.08 1.47	27.71 0.77 0.76 1.25 1.16 0.31 0.81 2.97 2.42 2.01 1.97 3.37 2.30	0.91 0.97 1.26 1.00 0.87 0.81 6.41 2.87 2.52 1.89 3.32 2.41	0.62 0.48 1.03 0.21 1.07 1.49 5.06 5.76 2.68 0.96 1.27 1.95	4.97 2.68 4.50 7.04 3.39 5.24 6.98 7.96 7.41 6.14 8.01 8.07	0.99 0.37 0.77 0.49 1.94 2.08 5.44 4.32 3.39 0.68 1.36 3.20

#### Index of Rainfall

(Base of Index: 1931-1960=100)

1961		79	93	84	68	67	66	85	78	105
1962		 100	96	118	89	108	92	90	108	127
		 89	83	77	66	65	60	73	75	93
1963						112	98			
964		 134	123	143	117			110	118	129
965		 82	97	89	81	79	84	78	95	87
966		 84	104	86	94	91	94	87	80	89
967		 69	80	75	61	73	77	68	74	85
							100		(200	
1967—										
January		 84	71	80	45	45	43	34	90	71
February		 42	39	29	22	39	45	18	49	19
March		 41	64	53	43	72	50	41	73	35
April		 26	25	52	10	47	33	7	82	20
May		 32	28	26	12	13	32	35	35	63
June		 48	109	39	19	32	25	44	54	68
July		 133	183	82	183	126	241	172	68	166
August		98	113	105	190	89	101	193	74	148
Septembe		 69	56	95	82	81	98	114	84	152
October		 47	27	65	25	73	57	30	69	24
		 60	46	142	52	147	124	47	104	65
Novembe					63	93				
Decembe	r	 105	109	124	03	93	79	74	124	160

<sup>(</sup>a) Annual averages based on period 1931-1960.

# MEAN TEMPERATURES AT SELECTED STATIONS

(° Fahr.)

						(° Fal	III.)								
Station, Latitude, Longitude and Altitude	Period	Mean	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
Cape Bruny— 43° 29″ S. 147° 08″ E. 188 ft	1966 1967 <b>Avge</b> <b>42 yrs</b>	Max. Min. Max. Min. Max Min.	65.7 52.0 65.3 51.4 63.9 51.5	65.6 53.3 68.8 53.9 <b>64.0</b> <b>52.1</b>	65.5 53.0 65.3 51.1 <b>63.0</b> <b>51.1</b>	60.1 48.9 62.1 50.0 58.7 48.5	56.4 46.3 57.6 47.5 55.3 46.3	52.2 42.9 55.7 44.9 <b>52.3</b> 43.6	51.7 41.6 53.2 43.4 51.7 42.7	53.6 41.8 53.9 43.6 52.8 42.7	56.7 44.2 54.8 44.4 <b>55.4</b> <b>44.1</b>	59.4 46.2 59.7 46.2 <b>57.3</b> <b>45.6</b>	63.5 48.7 58.6 45.2 <b>59.3</b> 47.4	63.9 48.9 60.7 N.R. 62.0 50.1	58.0 47.3 59.6 N.R. 58.0 47.1
Devonport— 41° 11″ S. 146° 22″ E. 28 ft	1966 1967 Avge 11 yrs	Max Min Max Min Max Min	70.2 54.8 68.5 51.6 <b>70.5</b> 52.2	70.4 49.4 72.1 55.0 <b>70.2</b> <b>52.9</b>	68.7 55.4 68.4 52.1 <b>68.0</b> <b>50.1</b>	61.9 46.4 63.9 48.6 <b>63.5</b> 46.8	58.7 43.0 59.5 42.2 58.5 43.1	54.2 37.7 57.0 43.6 55.6 41.0	53.3 38.6 54.8 41.6 <b>54.1</b> 38.8	54.8 39.4 55.6 39.4 <b>55.3</b> <b>40.1</b>	58.0 43.1 57.0 42.6 <b>57.6</b> 41.4	60.8 45.0 60.3 46.4 <b>60.4</b> <b>44.7</b>	63.7 48.4 62.7 48.0 <b>63.0</b> <b>47.0</b>	65.9 51.5 64.6 50.0 <b>67.2</b> <b>50.3</b>	61.7 46.1 62.0 46.8 <b>62.0</b> 45.8
Hobart— 42° 53″ S. 147° 20″ E. 177 ft	1966 1967 Avge 96 yrs }	Max Min Max Min Max Min	70.5 53.0 70.0 52.6 <b>70.9</b> 52.6	68.5 53.7 73.2 54.2 <b>70.8</b> <b>52.9</b>	68.3 53.3 68.8 52.3 68.0 50.7	62.3 47.4 65.3 48.1 <b>62.5</b> <b>47.4</b>	58.5 44.2 59.9 46.3 <b>57.4</b> <b>43.9</b>	51.9 39.7 56.1 40.8 <b>52.9</b> <b>41.0</b>	52.1 39.8 53.1 39.4 <b>52.2</b> <b>39.6</b>	54.6 40.5 55.2 41.0 <b>54.9</b> <b>40.9</b>	58.4 44.4 57.1 44.0 58.9 43.0	62.3 46.2 64.0 46.3 62.4 45.4	66.8 50.5 62.8 47.8 <b>65.6</b> <b>48.1</b>	67.6 49.8 65.8 50.4 <b>68.8</b> <b>51.0</b>	61.8 46.9 62.6 46.9 <b>62.1</b> 46.4
Launceston Airport— 41° 33″ S. 147° 13″ E. 564 ft	1966 1967 Avge 26 yrs }	Max Min Max Min Max Min	75.5 52.3 70.8 50.4 73.4 49.8	72.8 52.2 76.4 52.8 <b>72.4</b> <b>49.8</b>	70.8 51.3 69.7 49.3 <b>69.2</b> <b>47.7</b>	61.0 44.3 64.7 44.5 <b>62.5</b> 43.4	56.6 41.0 58.0 40.5 <b>56.4</b> <b>40.1</b>	51.2 35.2 54.7 39.8 <b>52.3</b> <b>37.5</b>	50.6 37.0 51.1 37.1 51.2 36.4	53.7 37.2 54.2 37.5 53.7 37.2	57.6 42.3 56.6 40.1 57.6 39.2	61.9 43.0 61.8 43.5 61.4 42.2	65.8 46.2 65.2 43.8 65.2 44.5	68.3 48.1 67.4 47.2 <b>70.0</b> 48.1	62.1 43.0 62.5 43.9 62.1 43.0
Maydena— 42° 48″ S. 146° 39″ E. 870 ft	1966 1967 Avge 5 yrs	Max Min Max Min Max Min	73.0 45.2 68.3 N.R. 70.5 45.8	70.7 48.3 73.3 N.R. <b>70.0</b> 46.2	68.4 46.6 66.3 N.R. 65.1 43.2	57.7 41.5 61.6 40.2 <b>59.5</b> <b>40.9</b>	53.6 37.2 57.9 37.2 53.5 39.0	46.7 34.4 51.8 34.9 <b>51.0</b> <b>36.0</b>	48.3 34.4 49.4 33.8 48.6 33.0	51.5 33.5 51.5 30.3 <b>51.1</b> <b>34.9</b>	56.7 38.1 53.9 35.4 <b>56.4</b> <b>37.1</b>	60.4 40.3 61.0 38.2 58.5 37.6	64.2 43.7 60.2 41.1 63.8 41.7	66.1 42.6 64.5 43.4 67.4 45.4	59.7 40.5 60.0 N.R. <b>59.6</b> <b>40.1</b>
Oatlands— 42° 18″ S. 147° 22″ E. 1,418 ft	1966 1967 Avge 3	Max Min Max Min Max Min	74.1 46.7 70.1 42.5 <b>70.6</b> 46.6	68.9 48.0 75.3 47.4 <b>70.6</b> <b>46.8</b>	68.0 47.9 N.R. 45.8 66.4 44.3	57.9 41.9 62.4 41.3 <b>60.0</b> <b>40.8</b>	54.3 39.0 56.9 38.8 54.7 37.6	48.1 33.0 54.4 31.5 49.9 35.4	47.6 35.0 50.1 34.7 49.0 34.2	50.7 35.2 50.8 32.7 51.4 35.1	54.6 38.8 52.6 38.0 55.7 37.3	59.6 40.1 N.R. N.R. 59.7 39.6	63.2 44.0 61.3 40.8 <b>64.5</b> 42.2	65.8 43.2 64.9 43.7 68.1 44.9	59.4 41.1 N.R. N.R. 60.1 40.4
Scottsdale— 41° 09″ S. 147° 30″ E. 656 ft	1966 1967 Avge 6 yrs	Max Min Max Min Max Min	72.1 53.0 68.9 50.4 <b>70.6</b> <b>48.0</b>	71.1 52.0 74.0 52.9 <b>70.9</b> <b>51.2</b>	69.7 51.9 68.7 49.3 67.2 48.0	60.7 44.8 63.9 46.1 <b>62.7</b> <b>44.1</b>	56.5 42.1 58.8 42.0 56.9 42.0	52.8 37.8 55.9 42.4 53.8 38.5	50.8 37.9 53.1 40.0 52.3 35.3	53.5 38.8 54.5 39.8 53.8 38.3	56.8 42.6 55.3 40.3 56.9 39.1	60.4 42.1 N.R. N.R. 59.8 42.2	64.8 46.8 N.R. N.R. 62.9 43.7	66.5 48.1 N.R. N.R. 66.5 47.4	61.3 44.8 N.R. N.R. 61.2 43.1
Stanley— 40° 17″ S. 145° 19″ E. 37 ft	1966 1967 Avge 61 yrs	Max Min Max Min Max Min	71.4 53.9 68.4 51.7 68.1 53.7	70.7 54.4 71.1 55.6 68.8 55.2	68.8 54.4 67.8 54.0 <b>66.0</b> <b>53.1</b>	62.2 49.8 63.8 49.5 64.1 50.2	58.9 47.4 60.2 45.5 57.6 47.8	55.1 41.9 58.0 47.0 54.3 45.0	53.4 42.0 55.4 44.9 53.3 43.7	54.6 42.8 56.2 43.1 54.3 44.1	57.5 45.8 58.1 44.5 <b>56.6</b> <b>45.4</b>	60.0 45.7 60.4 46.3 59.2 47.1	63.5 51.2 63.3 47.9 62.3 49.2	66.5 51.1 64.7 49.8 65.6 51.7	61.9 48.3 62.3 48.3 60.6 48.9
Swansea— 42° 08″ S. 148° 06″ E. 25 ft	1966 1967 Avge 62 yrs	Max Min Max Min Max Min Max Min	70.8 52.0 70.4 50.3 <b>71.1</b> <b>52.1</b>	68.3 54.9 73.3 52.3 <b>71.2</b> 52.7	68.2 53.0 69.2 50.2 <b>68.9</b> <b>50.1</b>	64.8 46.4 66.9 44.4 <b>64.1</b> <b>46.4</b>	60.0 42.2 61.2 44.5 <b>59.5</b> <b>42.5</b>	55.2 38.1 58.0 40.5 <b>55.6</b> <b>40.1</b>	54.0 38.1 55.1 39.6 54.8 38.8	55.5 37.9 56.3 38.5 <b>56.5</b> <b>39.6</b>	58.6 50.8 58.9 42.1 <b>59.9</b> <b>41.9</b>	62.7 45.7 64.6 43.6 <b>63.0</b> 44.7	67.3 48.9 64.7 46.9 <b>66.4</b> <b>47.7</b>	68.3 N.R. 67.4 47.6 68.8 50.4	62.8 N.R. 63.8 45.0 63.3 45.6
Waratah— 41° 28″ S. 145° 32″ E. 2,047 ft	1966 1967 Avge 68 yrs	Max Min Max Min Max Min	67.7 44.1 62.0 42.6 63.4 43.0	65.7 45.2 68.5 46.4 <b>64.0</b> <b>44.1</b>	64.2 45.7 61.0 43.0 59.9 42.2	52.6 41.1 55.7 41.6 <b>54.1</b> <b>39.2</b>	49.5 39.0 52.0 37.8 49.7 37.0	45.4 35.1 50.0 39.2 46.1 34.4	43.8 34.2 46.4 36.8 45.0 33.2	46.4 34.8 47.3 34.6 46.2 33.5	50.5 37.1 48.9 36.2 49.7 34.9	56.0 37.5 53.6 37.6 53.3 36.7	57.9 41.3 55.7 38.2 57.1 38.7	59.7 41.7 58.8 40.7 <b>60.8</b> <b>41.1</b>	55.0 39.7 55.0 39.6 54.1 38.2
Zeehan— 41° 54″ S. 145° 23″ E. 579 ft	1966 1967 Avge 46 yrs	Max Min Max Min Max Min	71.5 44.6 67.1 43.2 67.1 48.0	69.6 46.8 74.2 46.8 <b>68.5</b> <b>49.1</b>	69.1 46.4 70.0 43.5 65.0 47.1	59.4 44.7 62.8 44.5 59.8 44.7	56.1 43.0 58.5 39.7 55.7 42.0	51.3 36.9 56.0 35.0 52.2 39.1	51.4 36.3 53.6 35.8 <b>51.3</b> <b>38.2</b>	53.7 36.7 54.8 34.3 52.7 39.1	57.8 40.1 55.7 38.0 <b>56.0</b> <b>40.9</b>	61.7 38.6 60.0 40.8 58.8 42.7	65.0 44.0 61.8 N.R. 61.2 44.6	64.0 41.3 63.0 43.4 64.9 46.9	60.8 41.6 61.5 N.R. 59.4 43.5

Note: Mean monthly temperatures can be calculated from the formula  $\frac{1}{2}$  (maximum + minimum).

N.R.: No Record.